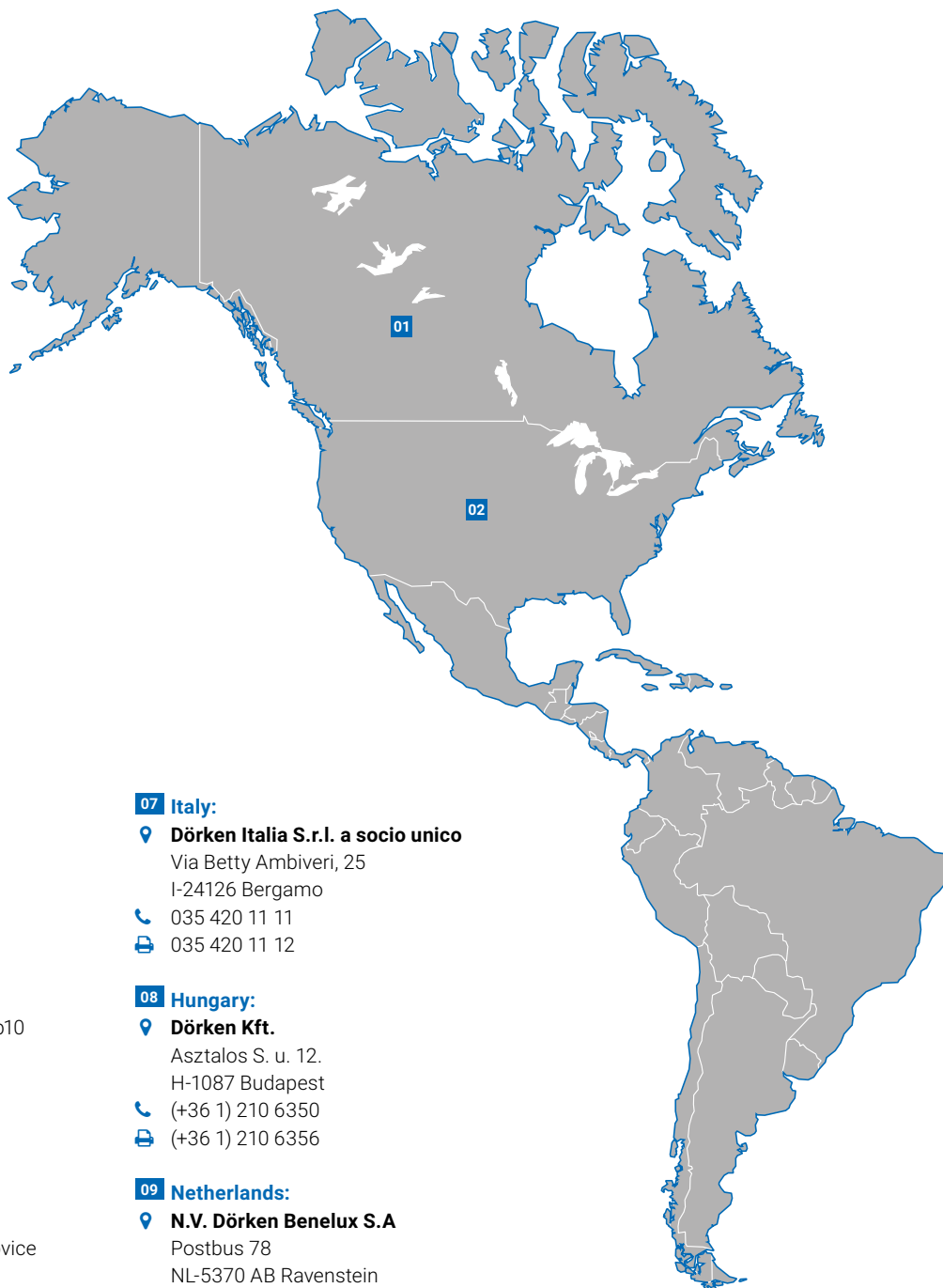


Product range 2020



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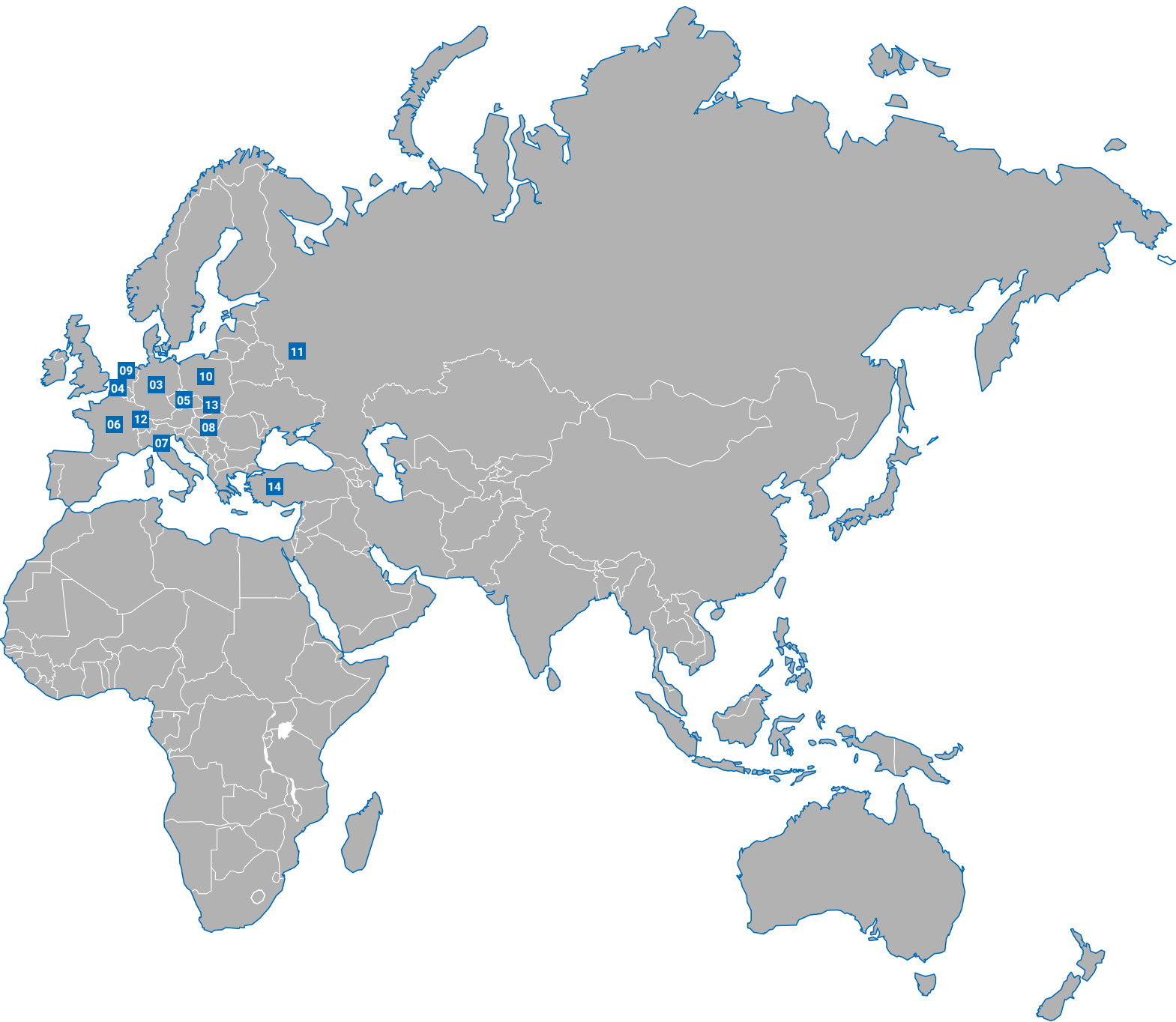
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Roofing sheets for pitched roof



DELTA®-MAXX X

Breathable, windproof sheet with integrated self-sealing edge for fully-insulated pitched roofs. Also suitable for pitched roofs with hard sheathing. BE-certified.

| | |
|----------------------|---|
| Material | Absorbent polyester cloth with a waterproof, vapour-permeable PU coating and a self-sealing edge. |
| Fire resistance | Class E |
| S _d value | approx. 0.15 m |
| Tensile strength | approx. 500/500 N/5 cm |
| Weight | approx. 210 g/m ² |
| Roll weight | approx. 16 kg |

| Roll size | Art. No. | Packaging | m ² /pallet |
|---------------|----------|----------------------|------------------------|
| 50 m × 1.50 m | 02206048 | 15 rolls/Euro-pallet | 1,125 |

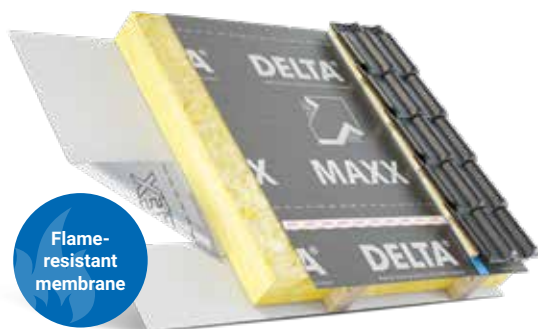


DELTA®-MAXX PLUS

Breathable, windproof sheet with integrated self-sealing edge for fully-insulated pitched roofs. Also suitable for pitched roofs with hard sheathing. With adhesive strips under both edges of the sheet, DELTA®-MAXX PLUS may be laid out more efficiently than conventional underlayments. Up to 30% savings in time and material.

| | |
|----------------------|--|
| Material | Absorbent polyester cloth with a waterproof, vapour-permeable PU coating and self sealing edges. |
| Fire resistance | Class E |
| S _d value | approx. 0.15 m |
| Tensile strength | approx. 450/300 N/5 cm |
| Weight | approx. 190 g/m ² |
| Roll weight | approx. 14 kg |

| Roll size | Art. No. | Packaging | m ² /pallet |
|---------------|----------|----------------------|------------------------|
| 50 m × 1.50 m | 02208356 | 18 rolls/Euro-pallet | 1.350 |




DELTA®-MAXX

Breathable, highly tear-resistant sheet for fully-insulated pitched roofs. Also suitable for pitched roofs with hard sheathing. BE-certified.

| | |
|----------------------|---|
| Material | Highly tear-resistant polyester cloth with a vapour permeable PU coating. |
| Fire resistance | Class B* |
| S _d value | approx. 0.15 m |
| Tensile strength | approx. 450/300 N/5 cm |
| Weight | approx. 190 g/m ² |
| Roll weight | approx. 14 kg |

| Roll size | Art. No. | Packaging | m ² /pallet |
|---------------|----------|----------------------|------------------------|
| 50 m × 1.50 m | 02201114 | 18 rolls/Euro-pallet | 1.350 |

* depending on the substrate

 Due to variable weather and UV conditions, we recommend the immediate covering of our sheets.

Roofing sheets for pitched roof



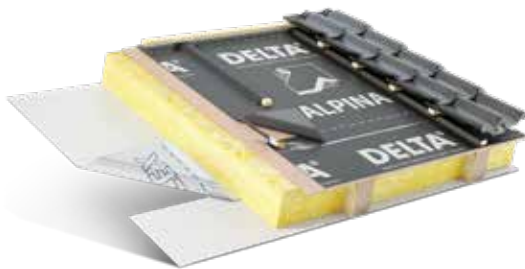
DELTA®-ALPINA

Waterproof and windproof roofing membrane and breathable sheet for roofs with hard sheathing for extreme safety and extraordinary stress (SIA 232). Simple and safe, seamless and homogeneously weldable with solvent welding or hot air. ÖNORM B 3661: 217, ÖNORM B 4119, SIA 232/1: 2011.

| | |
|----------------------|---|
| Material | Highly tear-resistant PES special roofing fabric with breathable PU coating on upper and downsides. |
| Fire resistance | Class E |
| S _d value | approx. 0.30 m |
| Tensile strength | approx. 450/410 N/5 cm |
| Weight | approx. 350 g/m ² |
| Roll weight | approx. 16 kg |

| Roll size | Art. No. | Packaging | m ² /pallet |
|---------------|----------|----------------------|------------------------|
| 30 m × 1.50 m | 02204816 | 25 rolls/Euro-pallet | 1,125 |
| 30 m × 2.96 m | 02204897 | 25 rolls/Euro-pallet | 2,220 |

For information about our solvent welding agent DELTA®-ALPINA QSM, please see page no. 35



DELTA®-ALPINA BAND

DELTA®-ALPINA strips for covering and sealing counter battens or details.

| Roll size | Art. No. | Packaging |
|---------------|----------|----------------------|
| 30 m × 0.36 m | 02204907 | 96 rolls/Euro-pallet |



DELTA®-FLEXX CORNER

Flexible sealing for all external corners of chimneys and rising components.

| Art. No. | Packaging |
|----------|---------------|
| 02206900 | 20 pieces/box |

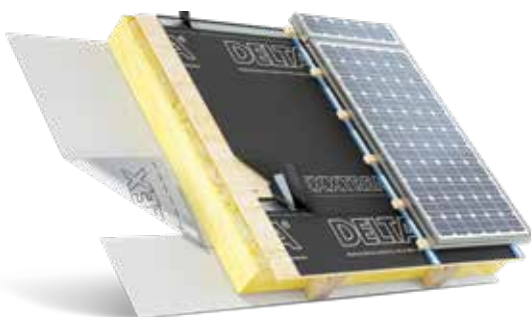
Roofing sheets for pitched roof



DELTA®-FLEXX MANSCHETTE

Highly elastic steam pipe sleeve, suitable for all usual pipe with the diameters of 100 – 125 – 150 mm.

| Art. No. | Packaging |
|----------|---------------|
| 02206901 | 10 pieces/box |



DELTA®-EXXTREM

Waterproof, highly UV-stabilized universal sheet especially for solar and photovoltaic panels and special coverings, heat-resistant up to 120 °C.

| | |
|----------------------|--|
| Material | Highly tear-resistant PES-special fleece with vapour-permeable, waterproof dispersion coating and integrated adhesive zones on both edges. |
| S ₀ value | approx. 0.02 m |
| Tensile strength | approx. 370/270 N/5 cm |
| Weight | approx. 300 g/m ² |
| Roll weight | approx. 18 kg |

| Art. No. | Packaging |
|----------|---------------|
| 02206901 | 10 pieces/box |



Flame-resistant membrane

DELTA®-FOXX PLUS

Breathable sheet for fully-insulated pitched roofs with hard sheathing. In combination with DELTA® system components, DELTA®-FOXX PLUS fulfills the requirements for a rainproof roof substructure. Also suitable as standard roof membrane. With the improved and patented strip adhesive technology – 25% more adhesive per m².

| | |
|----------------------|---|
| Material | Special, highly tear-resistant PES non-woven cloth with a vapour permeable but watertight dispersion coating. |
| Fire resistance | Class B-s1, d0 |
| S ₀ value | approx. 0.02 m |
| Tensile strength | approx. 370/270 N/5 cm |
| Weight | approx. 270 g/m ² |
| Roll weight | approx. 20 kg |

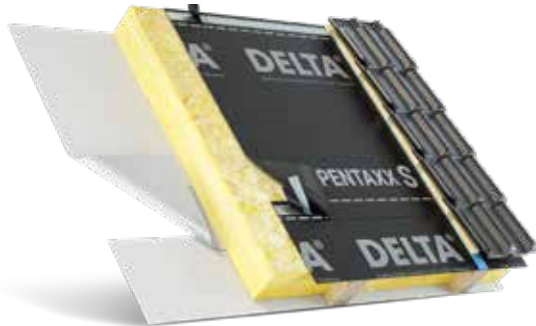
ⓘ DELTA®-FOXX: with the same technical values as DELTA®-FOXX PLUS, only without the integrated self-sealing edges.

| Roll size | Art. No. | Packaging | m ² /pallet |
|---------------|-----------------------------|----------------------|------------------------|
| 50 m × 1.50 m | 02202728 (DELTA®-FOXX PLUS) | 24 rolls/Euro-pallet | 1,800 |
| 50 m × 1.50 m | 02202707 (DELTA®-FOXX) | 28 rolls/Euro-pallet | 2,100 |

Wider rolls available on request.

Due to variable weather and UV conditions, we recommend the immediate covering of our sheets.

Roofing sheets for pitched roof

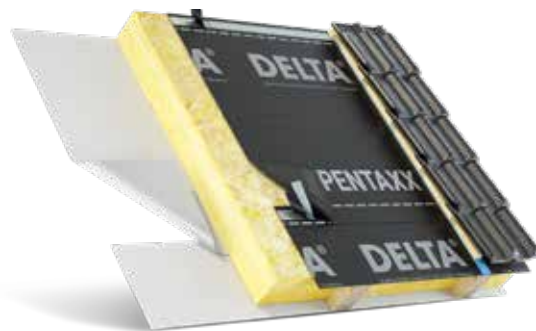


DELTA®-PENTAXX S PLUS

Highly UV-stabilized, vapor-permeable and mesh-reinforced roofing sheet for pitched roofs with hard sheathing. With integrated self-adhesive edges.

| | |
|----------------------|---|
| Material | Multi-layered pitched roof sheet made of tear-resistant, diffusion-open fabric reinforcement and PP spunbonded film combination with integrated adhesive zones on both edges. |
| Fire resistance | Class E |
| S _d value | 0.15 m (± 0.05 m) |
| Tensile strength | approx. 520/520 N/5 cm after ageing (5.000 h UV): approx. 420/420 N/5 cm |
| Weight | approx. 230 g/m ² |
| Roll weight | 17 kg |

| Roll size | Art. No. | Packaging | m ² /pallet |
|---------------|----------|----------------------|------------------------|
| 50 m × 1.50 m | 02208136 | 15 rolls/Euro-pallet | 1,125 |



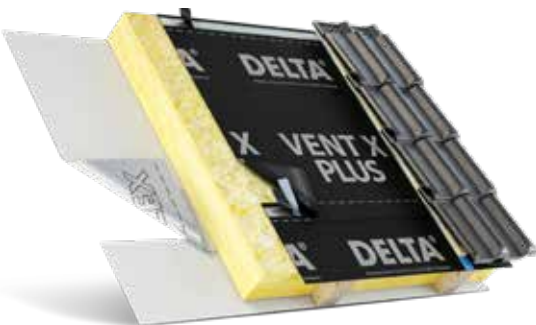
DELTA®-PENTAXX PLUS

Highly UV-stabilized, vapor-permeable roofing sheet for pitched roofs with hard sheathing. With integrated self-adhesive edges.

| | |
|----------------------|---|
| Material | Multi-layered pitched roof sheet made of tear-resistant, vapor-permeable PP spunbonded film combination with self-adhesive edges. |
| Fire resistance | Class E |
| S _d value | 0.15 m (± 0.05 m) |
| Tensile strength | approx. 360/250 N/5 cm after ageing (5.000 h UV): approx. 270/190 N/5 cm |
| Weight | approx. 200 g/m ² |
| Roll weight | 15 kg |

ⓘ DELTA®-PENTAXX: with the same technical values as DELTA®-PENTAXX PLUS, only without the integrated self-sealing edges.

| Roll size | Art. No. | Packaging | m ² /pallet |
|---------------|--------------------------------|----------------------|------------------------|
| 50 m × 1.50 m | 02208227 (DELTA®-PENTAXX) | 20 rolls/Euro-pallet | 1,500 |
| 50 m × 1.50 m | 02208141 (DELTA®-PENTAXX PLUS) | 24 rolls/Euro-pallet | 1,800 |



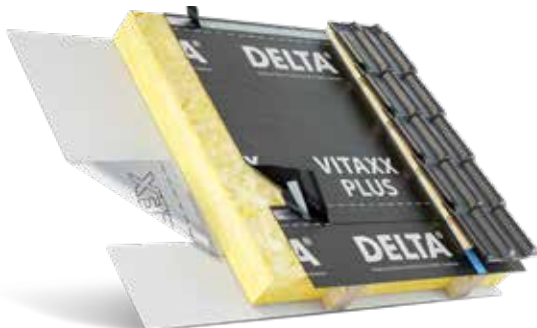
DELTA®-VENT X PLUS

4-layered roofing membrane for fully insulated pitched roofs with hard sheathing. Also suitable as temporary cover. Complies with the requirements of DIN 4426.

| | |
|----------------------|--|
| Material | Pitched roof membrane with tear-resistant breathable reinforcement fabric and a spunbonded PP cloth and sheet combination with integrated adhesive zones along both edges. |
| Fire resistance | Class E |
| S _d value | approx. 0.05 m |
| Tensile strength | approx. 520/520 N/5 cm |
| Weight | approx. 160 g/m ² |
| Roll weight | approx. 12 kg |

| Roll size | Art. No. | Packaging | m ² /pallet |
|---------------|----------|----------------------|------------------------|
| 50 m × 1.50 m | 02204254 | 18 rolls/Euro-pallet | 1,350 |

Roofing sheets for pitched roof



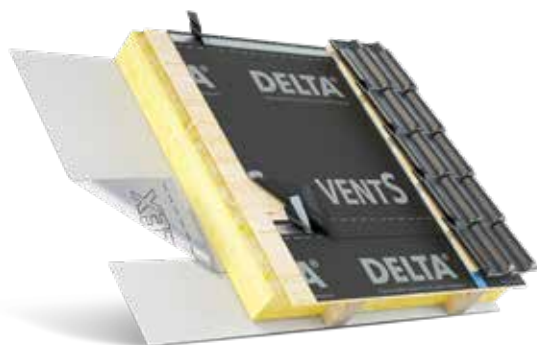
DELTA®-VITAXX PLUS

Reinforced roof underlay with high permeability to water vapour. With integral double self-adhesive edge strips.

| | |
|----------------------|---|
| Material | Four-layered PP roof underlay consisting of two layers of non-woven continuous disoriented monofilaments, one breather layer and one reinforcing layer with two integral self-adhesive edge strips. |
| S _d value | approx. 0.05 m |
| Tensile strength | approx. 450/400 N/5 cm |
| Weight | approx. 160 g/m ² |
| Roll weight | approx. 12 kg |

ⓘ DELTA®-VITAXX: with the same technical values as DELTA®-VITAXX PLUS, only without the integrated self-sealing edges.

| Roll size | Art. No. | Packaging | m ² /pallet |
|---------------|----------|------------------------------|------------------------|
| 50 m × 1.50 m | 02203145 | 19 rolls/Euro-pallet | 1,425 |
| 50 m × 1.50 m | 02202787 | 21 rolls/Euro-pallet | 1,575 |
| 50 m × 2.95 m | 02203191 | 20 rolls / Industrial pallet | 4,425 |



DELTA®-VENT S PLUS

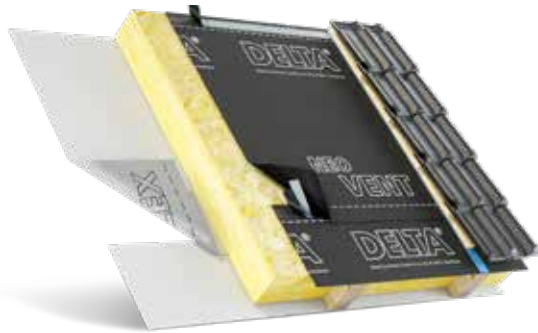
Breathable sheet with integrated self-adhesive edges and BiCo fiber technology for fully-insulated pitched roofs with hard sheathing. Also suitable as standard roof membrane.

| | |
|----------------------|---|
| Material | 3-layered pitched roof membrane made of a tear-resistant, vapour permeable PP spun non-woven fabric / film combination. |
| Fire resistance | Class E |
| S _d value | approx. 0.02 m |
| Tensile strength | approx. 310/260 N/5 cm |
| Weight | approx. 150 g/m ² |
| Roll weight | approx. 11 kg |

ⓘ DELTA®-VENT S: with the same technical values as DELTA®-VENT S PLUS, only without the integrated self-sealing edges.

| Roll size | Art. No. | Packaging | m ² /pallet |
|---------------|-------------------------------|----------------------|------------------------|
| 50 m × 1.50 m | 02202543 (DELTA®-VENT S PLUS) | 20 rolls/Euro-pallet | 1,500 |
| 50 m × 1.50 m | 02202450 (DELTA®-VENT S) | 25 rolls/Euro-pallet | 1,875 |

Roofing sheets for pitched roof



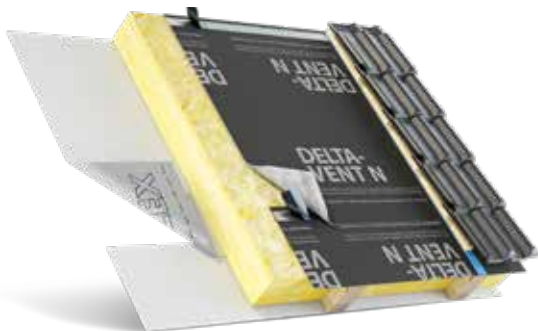
DELTA®-NEO VENT PLUS

Breathable sheet with integrated self-adhesive edges for fully-insulated pitched roofs with hard sheathing. Also suitable as standard roof membrane.

| | |
|----------------------|---|
| Material | 3-layered pitched roof membrane made of a tear-resistant, vapour permeable PP spun non-woven fabric / film combination. |
| Fire resistance | Class E |
| S _g value | approx. 0.02 m |
| Tensile strength | approx. 270/220 N/5 cm |
| Weight | approx. 135 g/m ² |
| Roll weight | approx. 10 kg |

ⓘ DELTA®-NEO VENT: with the same technical values as DELTA®-NEO VENT PLUS, only without the integrated self-sealing edges.

| Roll size | Art. No. | Packaging | m ² /pallet |
|---------------|---------------------------------|----------------------|------------------------|
| 50 m × 1.50 m | 02206649 (DELTA®-NEO VENT PLUS) | 25 rolls/Euro-pallet | 1,875 |
| 50 m × 1.50 m | 02206622 (DELTA®-NEO VENT) | 25 rolls/Euro-pallet | 1,875 |



DELTA®-VENT N PLUS

Breathable sheet for fully-insulated pitched roofs. With integrated self-sealing edges.

| | |
|----------------------|---|
| Material | 3-layered pitched roof membrane made of a tear-resistant, vapour permeable PP spun non-woven fabric / film combination. |
| Fire resistance | Class E |
| S _g value | approx. 0.02 m |
| Tensile strength | approx. 220/165 N/5 cm |
| Weight | approx. 130 g/m ² |
| Roll weight | approx. 10 kg |

ⓘ DELTA®-VENT N: with the same technical values as DELTA®-VENT N PLUS, only without the integrated self-sealing edges.

| Roll size | Art. No. | Packaging | m ² /pallet |
|----------------|-------------------------------|---------------------------|------------------------|
| 50 m × 1.50 m | 02202449 (DELTA®-VENT N) | 32 rolls/Euro-pallet | 2,400 |
| 50 m × 3.00 m | 02203635 (DELTA®-VENT N) | 32 rolls / one-way pallet | 4,800 |
| 100 m × 3.00 m | 02202606 (DELTA®-VENT N) | 15 rolls/Euro-pallet | 4,500 |
| 50 m × 1.50 m | 02202542 (DELTA®-VENT N PLUS) | 24 rolls / one-way pallet | 1,800 |

Roofing sheets for pitched roof

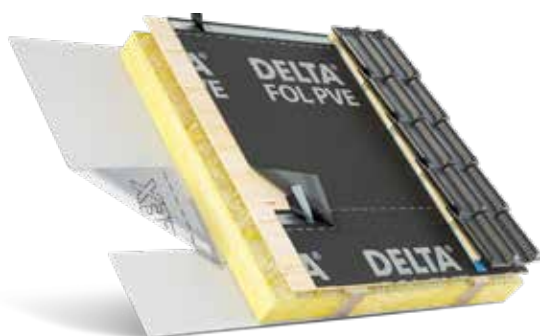


DELTA®-DURO PLUS

Breathable sheet with integrated self-adhesive edges for fully-insulated pitched roofs with hard sheathing. Also suitable as standard roof membrane.

| | |
|----------------------|---|
| Material | 3-layered pitched roof membrane made of a tear-resistant, vapour permeable PP spun non-woven fabric / film combination. |
| Fire resistance | Class E |
| S _d value | approx. 0.02 m |
| Tensile strength | approx. 290/220 N/5 cm |
| Weight | approx. 205 g/m ² |
| Roll weight | approx. 15.5 kg |

| Roll size | Art. No. | Packaging | m ² /pallet |
|---------------|----------|----------------------|------------------------|
| 50 m × 1.50 m | 02203260 | 15 rolls/Euro-pallet | 1,125 |

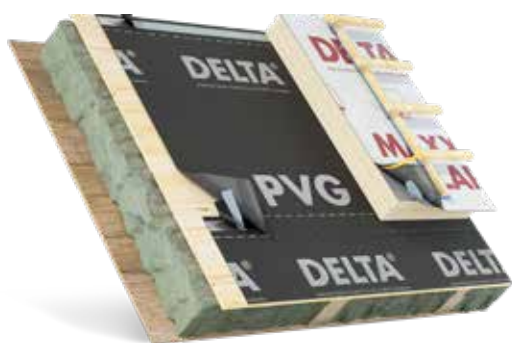


DELTA®-FOL PVE

4-layered, mesh-reinforced waterproofing sheet for back-vented pitched roofs.

| | |
|----------------------|---|
| Material | Spun-fibre matting combined with highly tear-resistant, mesh-reinforced fabric and a special coating. |
| Fire resistance | Class E |
| S _d value | approx. 3 m |
| Tensile strength | approx. 400/400 N/5 cm |
| Weight | approx. 165 g/m ² |
| Roll weight | approx. 12.5 kg |

| Roll size | Art. No. | Packaging | m ² /pallet |
|---------------|----------|----------------------|------------------------|
| 50 m × 1.50 m | 02200301 | 32 rolls/Euro-pallet | 2,400 |



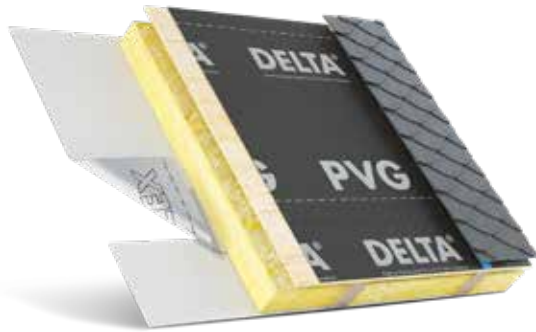
DELTA®-PVG PLUS

The sheet will do equally well when used as a waterproofing sheet. Because of its special surface structure, DELTA®-PVG PLUS / DELTA®-PVG is highly slip and abrasion-resistant as well as waterproof. In vented roof constructions, the sheet may be installed as temporary roofing under slate, fibre-cement tiles, shingles, etc. Weighing 150 g/m², the sheet is agreeably light compared to bitumen-based soft sheathing, which improves the installation performance and lowers costs.

| | |
|----------------------|---|
| Material | Spunfibre fleece combined with an inner waterproof layer. |
| Fire resistance | Class E |
| S _d value | approx. 20 m |
| Tensile strength | approx. 380/240 N/5 cm |
| Weight | approx. 150 g/m ² |
| Roll weight | approx. 11.5 kg |

| Roll size | Art. No. | Packaging | m ² /pallet |
|---------------|----------|----------------------|------------------------|
| 50 m × 1.50 m | 02207350 | 20 rolls/Euro-pallet | 1,500 |

Roofing sheets for pitched roof



DELTA®-PVG

With the same technical values as DELTA®-PVG PLUS, only without the integrated self-sealing edge.

| Roll size | Art. No. | Packaging | m ² /pallet |
|---------------|----------|----------------------|------------------------|
| 50 m × 1.50 m | 02207345 | 25 rolls/Euro-pallet | 1,875 |



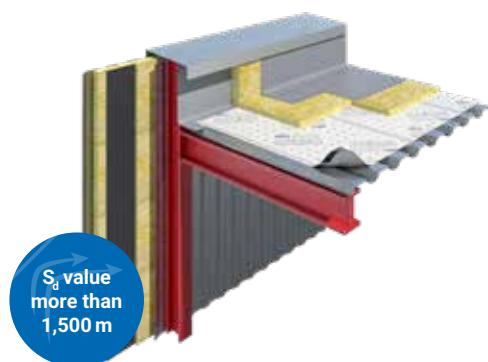
DRAGOFOL

Mesh-reinforced waterproofing sheet for all ventilated roofs.

| | |
|----------------------|--|
| Material | Mesh-reinforced polyethylene film, micro-perforated. |
| Fire resistance | Class E |
| S _d value | approx. 3 m |
| Tensile strength | approx. 400/300 N/5 cm |
| Weight | approx. 140 g/m ² |
| Roll weight | approx. 10.5 kg |

| Roll size | Art. No. | Packaging | m ² /pallet |
|---------------|----------|----------------------|------------------------|
| 50 m × 1.50 m | 02200046 | 40 rolls/Euro-pallet | 3,000 |

Air and vapour barriers



DELTA®-NEOVAP 1500

Low fire loaded self-adhesive air and vapour barrier for use on flat and pitched roofs, especially on steel trapezoidal metal constructions.

| | |
|----------------------|--|
| Material | 3-layered, covered aluminum foil, with a translucent HDPE upper surface finish and a self-adhering lower surface finish with siliconized film. |
| Fire resistance | Class E |
| S _d value | > 1,500 m |
| Tensile strength | approx. 320/250 N/5 cm |
| Weight | approx. 190 g/m ² |
| Roll weight | approx. 16 kg |
| Heating value | < 10,500 kJ/m ² |

| Roll size | Art. No. | Packaging | m ² /pallet |
|---------------|----------|----------------------|------------------------|
| 60 m × 1.08 m | 02207463 | 28 rolls/Euro-pallet | 1,814 |



DELTA®-REFLEX

4-layered, energy-saving vapour barrier for all roofs. With the same technical values as DELTA®-REFLEX PLUS, only without the integrated self-sealing edge.

| | |
|----------------------|--|
| Material | A watertight, corrosion-free embedded aluminium layer between a highly transparent polyester film and a mesh-reinforced polyethylene film. |
| Fire resistance | Class E |
| S _d value | approx. 150 m |
| Tensile strength | approx. 450/400 N/5 cm |
| Weight | approx. 180 g/m ² |
| Roll weight | approx. 13,5 kg |
| Heating value | < 10,500 kJ/m ² |

| Roll size | Art. No. | Packaging | m ² /pallet |
|---------------|----------|------------------------------|------------------------|
| 50 m × 1.50 m | 02200408 | 40 rolls/Euro-pallet | 3,000 |
| 25 m × 3.00 m | 02200914 | 40 rolls / Industrial pallet | 3,000 |



! Building Fire Protection

DELTA®-REFLEX and DELTA®-NEOVAP 1500 Air and vapour barrier. Certified safety for large flat roofs in industrial buildings. Compliance with DIN 18234-1 is assured!

Due to variable weather and UV conditions, we recommend the immediate covering of our sheets.

Air and vapour barriers



DELTA®-NEOVAP 100 R

Translucent air and vapor barrier for all pitched roofs.

| | |
|----------------------|---|
| Material | Mesh-reinforced special polyethylene sheet with PP geotextile |
| Fire resistance | Class E |
| S _d value | approx. 100 m |
| Tensile strength | approx. 350/350 N/5 cm |
| Weight | approx. 130 g/m ² |
| Roll weight | approx. 9.75 kg (50 m × 1.50 m), 19.5 kg (50 m × 3.00 m) |

| Roll size | Art. No. | Packaging | m ² /pallet |
|---------------|----------|----------------------------|------------------------|
| 50 m × 1.50 m | 02207460 | 40 rolls/Euro-pallet | 3,000 |
| 50 m × 3.00 m | 02207462 | 30 rolls/Industrial pallet | 4,500 |



DELTA®-NEOVAP 20

Translucent air and vapor barrier for all pitched roofs.

| | |
|----------------------|---|
| Material | Mesh-reinforced special polyethylene sheet with PP geotextile |
| Fire resistance | Class E |
| S _d value | approx. 20 m |
| Tensile strength | approx. 300 N/5 cm |
| Weight | approx. 120 g/m ² |
| Roll weight | approx. 9 kg |

| Roll size | Art. No. | Packaging | m ² /pallet |
|---------------|----------|----------------------|------------------------|
| 50 m × 1.50 m | 02205408 | 40 rolls/Euro-pallet | 3,000 |



DELTA®-NEOVAP 18

Translucent air and vapor barrier for all pitched roofs.

| | |
|----------------------|---|
| Material | 2-layer sheet with PP geotextile and polyolefin translucent coating |
| Fire resistance | Class E |
| S _d value | approx. 18 m |
| Tensile strength | approx. 150/140 N/5 cm |
| Weight | approx. 100 g/m ² |
| Roll weight | approx. 7.5 kg (50 m × 1.50 m), 15 kg (50 m × 3.00 m) |

| Roll size | Art. No. | Packaging | m ² /pallet |
|---------------|----------|----------------------------|------------------------|
| 50 m × 1.50 m | 02207454 | 50 rolls/Euro-pallet | 3,750 |
| 50 m × 3.00 m | 02207455 | 30 rolls/Industrial pallet | 4,500 |

Air and vapour barriers



DELTA®-LUXX

Vapour-retardant layer for all breathing pitched roofs.

| | |
|----------------------|---|
| Material | PP fleece with a vapour retarding coating |
| Fire resistance | Class E |
| S _d value | approx. 2 m |
| Tensile strength | approx. 140/110 N/5 cm |
| Weight | approx. 150 g/m ² |
| Roll weight | approx. 11.5 kg |

| Roll size | Art. No. | Packaging | m ² /pallet |
|---------------|----------|----------------------|------------------------|
| 50 m × 1.50 m | 02202704 | 40 rolls/Euro-pallet | 3,000 |



DELTA®-DAWI GP

Unreinforced air and vapor barrier for pitched roofs.

| | |
|----------------------|------------------------------|
| Material | Special polyethylene film |
| Fire resistance | Class E |
| S _d value | approx. 100 m |
| Tensile strength | approx. 170/150 N/5 cm |
| Weight | approx. 180 g/m ² |
| Roll weight | approx. 18 kg |
| Thickness | 200 μ |

| Roll size | Art. No. | Packaging | m ² /pallet |
|---------------|----------|-----------------|------------------------|
| 50 m × 2.00 m | 02201811 | 46 rolls/pallet | 4,600 |
| 25 m × 4.00 m | 02201810 | 46 rolls/pallet | 4,600 |



DELTA®-SPARXX

Black, UV-resistant vapor barrier for interior claddings with open joints.

| | |
|----------------------|---|
| Material | Polypropylene reinforced vapor barrier between two polyethylene layers. |
| Fire resistance | Class B-s1, d0 |
| S _d value | approx. 100 m |
| Tensile strength | approx. 220/200 N/5 cm |
| Weight | approx. 210 g/m ² |
| Roll weight | approx. 16 kg |

| Roll size | Art. No. | Packaging | m ² /pallet |
|---------------|----------|----------------------|------------------------|
| 50 m × 1.50 m | 02203776 | 50 rolls/Euro-pallet | 3,750 |

Vapour retarder for rehabilitation



variable
S_d value

DELTA®-NOVAFLEXX

Innovative vapour retarder with variable S_d value and reinforced fleece.

| | |
|----------------------|---|
| Material | Polyamide with a laminated special fleece. |
| Fire resistance | Class E |
| S _d value | - in dry environment: approx. 5.0 m, - in humid environment: approx. 0.2 m |
| Tensile strength | approx. 150/130 N/5 cm |
| Weight | approx. 90 g/m ² |
| Roll weight | approx. 6.8 kg |

| Roll size | Art. No. | Packaging | m ² /pallet |
|---------------|----------|----------------------|------------------------|
| 50 m × 1.50 m | 02203099 | 50 rolls/Euro-pallet | 3,750 |



DELTA®-PVG PLUS

The sheet will do equally well when used as a waterproofing sheet. Because of its special surface structure, DELTA®-PVG PLUS / DELTA®-PVG is highly slip and abrasion-resistant as well as waterproof. In vented roof constructions, the sheet may be installed as temporary roofing under slate, fibre-cement tiles, shingles, etc. Weighing 150 g/m², the sheet is agreeably light compared to bitumen-based soft sheathing, which improves the installation performance and lowers costs.

| | |
|----------------------|---|
| Material | Spunfibre fleece combined with an inner waterproof layer. |
| Fire resistance | Class E |
| S _d value | approx. 20 m |
| Tensile strength | approx. 380/240 N/5 cm |
| Weight | approx. 150 g/m ² |
| Roll weight | approx. 11.5 kg |

| Roll size | Art. No. | Packaging | m ² /pallet |
|---------------|----------|----------------------|------------------------|
| 50 m × 1.50 m | 02207350 | 20 rolls/Euro-pallet | 1,500 |

Seperation layers



Up to 15 dB rattling noise reduction!

DELTA®-TRELA PLUS

Structured separation layer for all pitched roofs with metal cladding. With integrated self-adhesive tape. Reduces the rain and hail noise by up to 15 dB.

| | |
|-------------------------|--|
| Material | Vapor permeable membrane based on DELTA®-NEO VENT (3-layered permeable membrane made of tear-resistant permeable PP spunbonded membrane and film combination) with a laminated polypropylene fibre mat with studded structure. |
| Fire resistance | Class E |
| S _d value | approx. 0.02 m |
| Dimple structure height | approx. 8 mm |
| Covering width | approx. 1.4 m |
| Weight | approx. 380 g/m ² |
| Roll weight | approx. 17.1 kg |

| Roll size | Art. No. | Packaging | m ² /pallet |
|---------------|----------|-----------------------------|------------------------|
| 30 m × 1.50 m | 02202641 | 4 rolls / Industrial pallet | 180 |



Up to 15 dB rattling noise reduction!

DELTA®-TRELA

Structured separation layer for all pitched roofs with metal cladding. With the same technical values as DELTA®-TRELA PLUS, only without the integrated self-sealing edge. Reduces the rain and hail noise by up to 15 dB.

📌 Also available as DELTA®-TRELA SP (weight: approx. 350 g/m²)

| Roll size | Art. No. | Packaging | m ² /pallet |
|---------------|----------------------------|-----------------------------|------------------------|
| 30 m × 1.50 m | 02202639 (DELTA®-TRELA) | 4 rolls / Industrial pallet | 180 |
| 30 m × 1.50 m | 02207199 (DELTA®-TRELA SP) | 4 rolls / Industrial pallet | 180 |



DELTA®-ENKA®-VENT

Elastic, vapor-permeable and structured separation layer for pitched roofs with metal cladding.

| | |
|-------------------------|------------------------------|
| Material | Polyamid |
| Dimple structure height | approx. 8 mm |
| Weight | approx. 210 g/m ² |
| Roll weight | approx. 10.5 kg |

| Roll size | Art. No. | Packaging | m ² /pallet |
|---------------|----------|---------------------|------------------------|
| 50 m × 1.00 m | 02203637 | 4 rolls/Euro-pallet | 200 |








Façade sheets



DELTA®-FASSADE COLOR

UV-resistant façade membrane for open façades made of wood, metal or plastic with open joints up to 50 mm wide that cover no more than 50% of the total surface*.

| | |
|----------------------|---|
| Material | High-tenacity polyester cloth with a waterproof plastic coating and adhesive strips along both edges. |
| Fire resistance | Class B-s1,d0 und VKF RF2(5.2) |
| S _d value | approx. 0.02 mm |
| Weight | approx. 300 g/m ² |
| Thickness | approx. 0.60 mm |
| Roll weight | approx. 13.5 kg |
| Roll size | 30 m × 1.50 m |

| Colours | Art. No. | Packaging | Pallet |
|---|----------|-----------|----------|
|  001 Agate white | 02207388 | 1 roll | 32 rolls |
|  002 Onyx black | 02207389 | 1 roll | 32 rolls |
|  003 Pearl grey | 02207391 | 1 roll | 32 rolls |
|  004 Topaz blue | 02207392 | 1 roll | 32 rolls |
|  005 Emerald green | 02207393 | 1 roll | 32 rolls |
|  006 Coral red | 02207394 | 1 roll | 32 rolls |
|  007 Amber orange | 02207395 | 1 roll | 32 rolls |

* For bigger open joints, please contact with our experts.



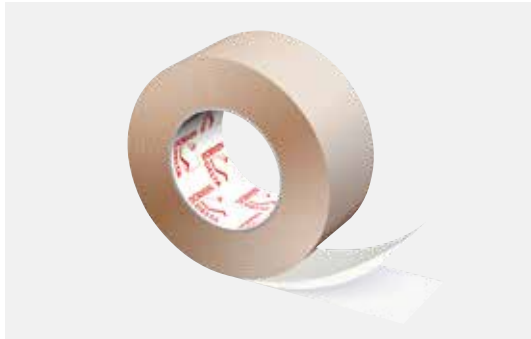
Your Ideal Facing Is Only One Click Away

Let yourself be inspired by our façade configurator. Combine your façade covering with your desired colour and give free rein to your imagination.

www.fassade-color.com

Technical data sheet available on request. www.doerken.com/int

Accessories



DELTA®-FAS BAND CLEAR

Permanently UV-resistant, single-faced, translucent film-backed adhesive tape for fastening DELTA®-FASFADE COLOR.

| Roll size | Art. No. | Packaging | Per pallet |
|-------------|----------|--------------|------------|
| 25m × 60 mm | 02207471 | 10 rolls/box | 85 boxes |



DELTA®-FAS PAINT

Universal thin-layer dispersion paint, satin finish, for harmonising the colour of counter-battens and seams of DELTA®-FASFADE COLOR sheets. Also good for repairing minor injuries in outdoor coating surfaces.

| Colour | Content | Art. No. | Packaging | Per pallet |
|---------------------|---------|----------|------------|------------|
| ○ 001 Agate white | 1.0l | 07700892 | 6 tins/box | 50 boxes |
| | 12.0l | 07700891 | Bucket | 24 buckets |
| ● 002 Onyx black | 1.0l | 07700879 | 6 tins/box | 50 boxes |
| | 12.0l | 07700878 | Bucket | 24 buckets |
| ● 003 Pearl grey | 1.0l | 07700880 | 6 tins/box | 50 boxes |
| | 12.0l | 07700873 | Bucket | 24 buckets |
| ● 004 Topaz blue | 1.0l | 07700881 | 6 tins/box | 50 boxes |
| | 12.0l | 07700874 | Bucket | 24 buckets |
| ● 005 Emerald green | 1.0l | 07700882 | 6 tins/box | 50 boxes |
| | 12.0l | 07700875 | Bucket | 24 buckets |
| ● 006 Coral red | 1.0l | 07700883 | 6 tins/box | 50 boxes |
| | 12.0l | 07700876 | Bucket | 24 buckets |
| ● 007 Amber orange | 1.0l | 07700884 | 6 tins/box | 50 boxes |
| | 12.0l | 07700877 | Bucket | 24 buckets |

Façade sheets



DELTA®-FASSADE S PLUS

Breathable UV-resistant protection sheet for façade designs with open joints up to 50 mm wide that cover no more than 50% of the total surface. With integrated self-sealing edges.

| | |
|----------------------|---|
| Material | High-tenacity polyester cloth with a special waterproof coating and adhesive strips along both edges. |
| Fire resistance | Class B-s1, d0 |
| S _d value | approx. 0.02 m |
| Tensile strength | approx. 370/270 N/5 cm |
| Weight | approx. 270 g/m ² |
| Roll weight | approx. 20 kg |

| Roll size | Art. No. | Packaging | m ² /pallet |
|---------------|----------|----------------------|------------------------|
| 50 m × 1.50 m | 02202911 | 24 rolls/Euro-pallet | 1,800 |



DELTA®-FASSADE S

With the same technical values as DELTA®-FASSADE S PLUS, only without the integrated self-sealing edge.

| Roll size | Art. No. | Packaging | m ² /pallet |
|---------------|----------|----------------------|------------------------|
| 50 m × 1.50 m | 02202910 | 28 rolls/Euro-pallet | 2,100 |



DELTA®-FASSADE PLUS

Breathable UV-resistant protection sheet for façade designs with open joints up to 20 mm wide that cover no more than 20% of the total surface. With integrated self-sealing edges.

| | |
|----------------------|---|
| Material | High-tenacity polyester cloth with a waterproof plastic coating and adhesive strips along both edges. |
| Fire resistance | Class B-s1, d0 |
| S _d value | approx. 0.02 m |
| Tensile strength | approx. 270/230 N/5 cm |
| Weight | approx. 210 g/m ² |
| Roll weight | approx. 16 kg |

| Roll size | Art. No. | Packaging | m ² /pallet |
|---------------|----------|----------------------|------------------------|
| 50 m × 1.50 m | 02202656 | 28 rolls/Euro-pallet | 2,100 |

Wider rolls available on request.

Façade sheets and accessories



DELTA®-FASSADE

Breathable UV-resistant protection sheet for façade designs with open joints up to 20 mm wide that cover no more than 20% of the total surface.

| | |
|----------------------|---|
| Material | High-tenacity polyester cloth with a waterproof plastic coating and adhesive strips along both edges. |
| Fire resistance | Class B-s1, d0 |
| S _d value | approx. 0.02 m |
| Tensile strength | approx. 270/230 N/5 cm |
| Weight | approx. 210 g/m ² |
| Roll weight | approx. 16 kg |

| Roll size | Art. No. | Packaging | m ² /pallet |
|---------------|----------|----------------------|------------------------|
| 50 m × 1.50 m | 02202087 | 32 rolls/Euro-pallet | 2,400 |



DELTA®-FAS CORNER

In timber-framed constructions, the flexible plastic corner DELTA®-FAS CORNER ensures reliable airtight and watertight connections. Permanently UV resistant. Suitable for indoor and outdoor applications.

| | |
|----------|-------------------------------|
| Material | Thermoplastic elastomer (TPE) |
|----------|-------------------------------|

| Roll size | Art. No. | Packaging |
|--------------------|----------|---------------|
| 100 × 150 × 190 mm | 02203724 | 40 pieces/box |

Ridge and arris rolls



DELTA®-ALU ROLL

Robust solid metal roller made of highly corrosion-resistant aluminum with integrated bend edges for tailor-made processing.

Material Highly tear-resistant aluminum coated on both sides and stove-enamelled. Adhesive strips made of special butyl rubber adhesive with white liner on both side edges.

| Colour | Roll size | Art. No. | Packaging | Per pallet |
|--------|--------------|----------|-------------|------------|
| Red | 300 mm x 5 m | 02206800 | 4 rolls/box | 140 rolls |
| Black | 300 mm x 5 m | 02206799 | 4 rolls/box | 140 rolls |



DELTA®-VENT ROLL PRO

Special fire-resistant aluminium-wire fabric with film coating on the underside.

Material Aluminium/Aluminium-wire

📌 Special colors and widths on request. Only available as box.

| Colour | Roll size | Art. No. | Packaging | Per pallet |
|--------|--------------|----------|-------------|----------------------|
| Red | 240 mm x 5 m | 02206412 | 4 rolls/box | 35 boxes/Euro-pallet |
| Black | 240 mm x 5 m | 02206408 | 4 rolls/box | 35 boxes/Euro-pallet |
| Brown | 240 mm x 5 m | 02206410 | 4 rolls/box | 35 boxes/Euro-pallet |
| Red | 310 mm x 5 m | 02206416 | 4 rolls/box | 35 boxes/Euro-pallet |
| Black | 310 mm x 5 m | 02206418 | 4 rolls/box | 35 boxes/Euro-pallet |
| Brown | 310 mm x 5 m | 02206414 | 4 rolls/box | 35 boxes/Euro-pallet |
| Red | 380 mm x 5 m | 02206422 | 4 rolls/box | 28 boxes/Euro-pallet |
| Black | 380 mm x 5 m | 02206420 | 4 rolls/box | 28 boxes/Euro-pallet |
| Brown | 380 mm x 5 m | 02206424 | 4 rolls/box | 28 boxes/Euro-pallet |

Ridge and arris rolls



DELTA®-EXXTENSO ROLL

Universal flexible and extensible ridge roll. Composite material between extensible aluminum sides and ventilated middle section. With integrated bend edges made of high-quality butyl tape and overlapping cover film. Extensibility between 310 mm to 450 mm width.

| | |
|---------------------|-------------------------------------|
| Length | 30 m or 5 m rolls |
| Width | 310 mm to 450 mm |
| Ventilation section | approx. 150 m ² /m ridge |

| Colour | Roll size | Art. No. | Packaging | Per pallet |
|--------|-------------------------|----------|------------|----------------------|
| Red | 310 mm to 450 mm × 5 m | 02204337 | 1 roll/box | 75 boxes/Euro-pallet |
| Black | 310 mm to 450 mm × 5 m | 02204338 | 1 roll/box | 75 boxes/Euro-pallet |
| Red | 310 mm to 450 mm × 30 m | 02203755 | 1 roll/box | 12 boxes/Euro-pallet |
| Black | 310 mm to 450 mm × 30 m | 02204146 | 1 roll/box | 12 boxes/Euro-pallet |
| Brown | 310 mm to 450 mm × 30 m | 02204147 | 1 roll/box | 12 boxes/Euro-pallet |



DELTA®-ECO ROLL

Ridge and arris roll. The economic alternative for cost-optimized construction projects. Safe and durable composite material between aluminum sides and middle section. High-quality butyl tape with overlapping cover film.

| | |
|----------|---|
| Material | Several layers of high-quality polyester geotextile for high long-term resistance. Butyl adhesive material. |
|----------|---|

📌 Special colors and widths on request. Only available as box.

| Colour | Roll size | Art. No. | Packaging | Per pallet |
|--------|--------------|----------|-------------|----------------------|
| Red | 240 mm × 5 m | 02204297 | 4 rolls/box | 35 boxes/Euro-pallet |
| Black | 240 mm × 5 m | 02204298 | 4 rolls/box | 35 boxes/Euro-pallet |
| Brown | 240 mm × 5 m | 02204296 | 4 rolls/box | 35 boxes/Euro-pallet |
| Red | 310 mm × 5 m | 02203765 | 4 rolls/box | 35 boxes/Euro-pallet |
| Black | 310 mm × 5 m | 02203766 | 4 rolls/box | 35 boxes/Euro-pallet |
| Brown | 310 mm × 5 m | 02203764 | 4 rolls/box | 35 boxes/Euro-pallet |
| Red | 380 mm × 5 m | 02204839 | 4 rolls/box | 28 boxes/Euro-pallet |
| Black | 380 mm × 5 m | 02204838 | 4 rolls/box | 28 boxes/Euro-pallet |
| Brown | 380 mm × 5 m | 02204869 | 4 rolls/box | 28 boxes/Euro-pallet |

Chimney collars and wall seals

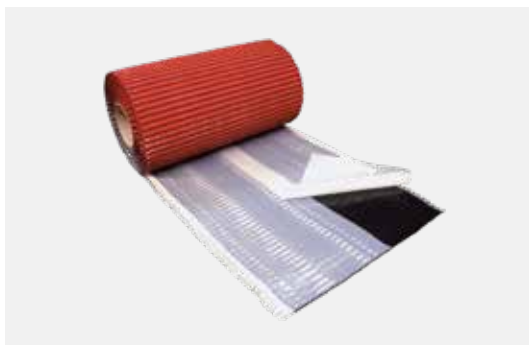


DELTA®-KAWAXX

Universal sealing tape with optimum lengthwise stretchability for all connections between contoured roofing materials and walls, chimneys, and rising building elements.

Material EPDM/PP blend with stretched aluminium
Thickness 2.5 mm

| Colour | Roll size | Art. No. | Packaging | Per pallet |
|--------|--------------|----------|------------|------------------|
| Red | 300 mm × 5 m | 02206081 | 1 roll/box | 120 rolls/pallet |
| Black | 300 mm × 5 m | 02206080 | 1 roll/box | 120 rolls/pallet |
| Brown | 300 mm × 5 m | 02206297 | 1 roll/box | 120 rolls/pallet |



DELTA®-TOP FLEXX

Universal, highly tear-resistant aluminium sealing tape with high stretchability length- and crosswise for all connections to walls, chimneys, and other rising building elements.

Material Aluminum, stove-enamelled on the top side, foil-coated on two sides on the reverse side.

| Colour | Roll size | Art. No. | Packaging | Per pallet |
|--------|--------------|----------|------------|------------------|
| Red | 300 mm × 5 m | 02203452 | 1 roll/box | 120 rolls/pallet |
| Black | 300 mm × 5 m | 02203451 | 1 roll/box | 120 rolls/pallet |
| Brown | 300 mm × 5 m | 02203453 | 1 roll/box | 120 rolls/pallet |



DELTA®-TOP MICRO

Universal sealing tape with optimum lengthwise stretchability thanks to micro-pleating. For all connections to walls, chimneys, and rising building elements.

Material Aluminum, with split backing film.

| Colour | Roll size | Art. No. | Packaging | pallet |
|----------|--------------|----------|------------|------------------|
| Red | 300 mm × 5 m | 02206752 | 1 roll/box | 120 rolls/pallet |
| Black | 300 mm × 5 m | 02206751 | 1 roll/box | 120 rolls/pallet |
| Brown | 300 mm × 5 m | 02206750 | 1 roll/box | 120 rolls/pallet |
| Bordeaux | 300 mm × 5 m | 02206812 | 1 roll/box | 120 rolls/pallet |

System accessories



DELTA®-LIQUIXX

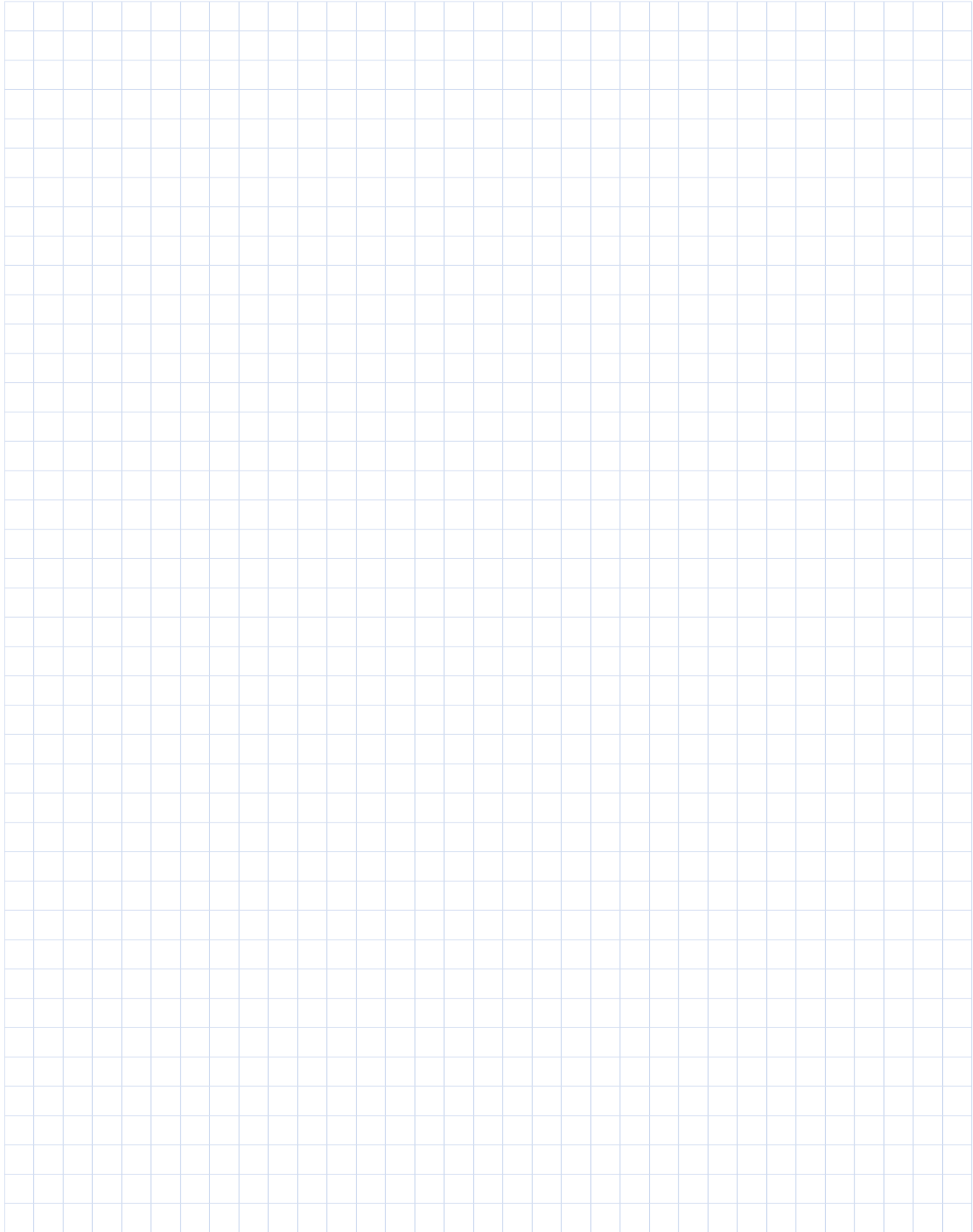
Viscous functional coating for airtight connection of difficult roof details indoors and outdoors on the pitched roof. Universally applicable and can be applied brush.

| | |
|-----------------------|--|
| Material | Viscous, pseudo-plastic pure-acrylate dispersion. |
| Working temperature | min. + 5°C |
| Substrate temperature | min. + 5°C |
| Shelf life | min. 24 Months |
| Packaging | 2.5l DELTA®-LIQUIXX in 5 l-bucket |
| S ₀ value | approx. 1.5 m |
| Consumption | approx. 0.9 l/m ² GT 15 SPEZIALVLIES (Special fleece) |

! Sale of DELTA®-LIQUIXX exclusively as a set

| Content of the set | Art. No. of the set | Packaging | Per pallet |
|---|---------------------|--|------------|
| <ul style="list-style-type: none"> • DELTA®-LIQUIXX (2.5l/2,875 g Füllmenge in a 5l-plastic bucket) • 1 roll of DELTA®-LIQUIXX GT 15 SPEZIALVLIES (Special fleece) (20 m × 15 cm, enough for approx. 2.8 m²) | 02203748 | <ul style="list-style-type: none"> • 1 bucket • 1 roll in 18-liter container | 40 pieces |

Notes



Which adhesive system for what?

| | Breathable sheets | | | | |
|--------------------------------|---|--|---|---|--|
| | DELTA®-FASSADE / PLUS DELTA®-FASSADE S / PLUS DELTA®-FASSADE COLOR | DELTA®-ALPINA DELTA®-MAXX X DELTA®-MAXX PLUS DELTA®-MAXX | DELTA®-VENT S PLUS / DELTA®-VENT S DELTA®-VENT X PLUS DELTA®-DURO PLUS | DELTA®-NEO VENT PLUS DELTA®-VENT N PLUS / DELTA®-VENT N | DELTA®-FOXX PLUS / DELTA®-FOXX |
| Surface | DELTA®-Adhesive products | | | | |
| Overlaps | Self-adhesive edge DELTA®-THAN DELTA®-TAPE FAS ⁹ DELTA®-FAS BAND CLEAR ⁹ | Self-adhesive edge DELTA®-MULTI-BAND * for DELTA®-ALPINA: DELTA®-ALPINA QSM | Self-adhesive edge DELTA®-MULTI-BAND DELTA®-THAN DELTA®-DUO TAPE | Self-adhesive edge DELTA®-MULTI-BAND DELTA®-THAN DELTA®-DUO TAPE | Self-adhesive edge DELTA®-MULTI-BAND DELTA®-THAN |
| Smooth wood, wood materials | DELTA®-THAN DELTA®-MULTI-BAND DELTA®-TAPE FAS DELTA®-FAS BAND CLEAR ⁹ | DELTA®-MULTI-BAND DELTA®-THAN | DELTA®-MULTI-BAND DELTA®-THAN DELTA®-TIXX VDR | DELTA®-MULTI-BAND DELTA®-THAN DELTA®-TIXX VDR | DELTA®-MULTI-BAND DELTA®-THAN |
| Rough sawn wood | DELTA®-THAN | DELTA®-THAN | DELTA®-THAN | DELTA®-THAN | DELTA®-THAN |
| Metal | DELTA®-MULTI-BAND ¹ DELTA®-THAN DELTA®-FAS BAND CLEAR ⁹ DELTA®-TAPE FAS | DELTA®-MULTI-BAND DELTA®-THAN | DELTA®-MULTI-BAND DELTA®-THAN DELTA®-TIXX VDR | DELTA®-MULTI-BAND DELTA®-THAN DELTA®-TIXX VDR | DELTA®-MULTI-BAND DELTA®-THAN |
| Plastic (rigid) | DELTA®-MULTI-BAND ¹ DELTA®-THAN ² DELTA®-TAPE FAS DELTA®-FAS BAND CLEAR ⁹ | DELTA®-MULTI-BAND ¹ DELTA®-THAN ² | DELTA®-MULTI-BAND DELTA®-THAN ² DELTA®-TIXX VDR | DELTA®-MULTI-BAND DELTA®-THAN ² DELTA®-TIXX VDR | DELTA®-MULTI-BAND DELTA®-THAN ² |
| Plaster, masonry, concrete | DELTA®-THAN | DELTA®-THAN | DELTA®-THAN DELTA®-TIXX VDR | DELTA®-THAN DELTA®-TIXX VDR | DELTA®-THAN |
| Details | DELTA®-FLEXX-BAND ² | DELTA®-FLEXX-BAND | DELTA®-FLEXX-BAND DELTA®-LIQUIXX ⁴ | DELTA®-FLEXX-BAND DELTA®-LIQUIXX ⁴ | DELTA®-FLEXX-BAND ³ |

Surfaces must be sufficiently clean, dry, free from dust, grease and frost and be sufficiently stable. Unsuitable solid surfaces are to be pretreated, for example, by applying a suitable primer / DELTA®-HF PRIMER. The storage, processing and setting conditions of each adhesive are to be considered.

The contents of this data sheet reflect the state of the art current at the time of publication without claiming freedom from omissions. The statements made herein do not relieve users from the obligation to act responsibly. With the publication of this sheet, all previous sheets lose their validity. Factual and orthographical errors reserved. Please consult also the DELTA®-Installation instructions for air and vapour barriers and roofing sheets and the instructions for use for the DELTA®-Adhesive program.

| Air and vapour barriers | | | Classic sheets | | Seperation layers | |
|---|--|---|--|--|---|--------------------|
| DELTA®-REFLEX DELTA®-DAWI GP | DELTA®-LUXX DELTA®-NEOVAP 20 | DELTA®-NOVAFLEXX | DRAGOFOL | DELTA®-PVG PLUS / DELTA®-PVG | DELTA®-TRELA PLUS / DELTA®-TRELA | DELTA®-TERRAXX |
| DELTA®-Adhesive products | | | | | | |
| Self-adhesive edge DELTA®-MULTI-BAND DELTA®-INSIDE-BAND DELTA®-DUO TAPE | DELTA®-MULTI-BAND DELTA®-INSIDE-BAND | DELTA®-MULTI-BAND DELTA®-INSIDE-BAND | DELTA®-MULTI-BAND | Self-adhesive edge DELTA®-MULTI-BAND DELTA®-THAN | Self-adhesive edge DELTA®-THAN | Self-adhesive edge |
| DELTA®-MULTI-BAND DELTA®-TIXX DELTA®-TIXX VDR DELTA®-INSIDE-BAND DELTA®-DUO TAPE DELTA®-HF PRIMER ⁷ | DELTA®-MULTI-BAND DELTA®-TIXX DELTA®-TIXX VDR DELTA®-INSIDE-BAND DELTA®-HF PRIMER ⁷ | DELTA®-MULTI-BAND DELTA®-TIXX DELTA®-TIXX VDR DELTA®-INSIDE-BAND DELTA®-DUO TAPE DELTA®-HF PRIMER ⁷ | DELTA®-MULTI-BAND DELTA®-TIXX VDR DELTA®-DUO TAPE DELTA®-HF PRIMER ⁷ | DELTA®-MULTI-BAND DELTA®-THAN DELTA®-TIXX VDR | DELTA®-THAN DELTA®-TIXX VDR | – |
| DELTA®-TIXX DELTA®-THAN ^{2,8} | DELTA®-TIXX | DELTA®-TIXX | – | DELTA®-THAN | DELTA®-THAN | – |
| DELTA®-MULTI-BAND DELTA®-TIXX VDR DELTA®-TIXX ⁵ | DELTA®-MULTI-BAND DELTA®-TIXX ⁵ DELTA®-TIXX VDR | DELTA®-MULTI-BAND DELTA®-TIXX ⁵ DELTA®-TIXX VDR | DELTA®-MULTI-BAND DELTA®-TIXX VDR | DELTA®-MULTI-BAND DELTA®-THAN DELTA®-TIXX VDR | DELTA®-THAN DELTA®-TIXX VDR | – |
| DELTA®-MULTI-BAND DELTA®-TIXX VDR DELTA®-INSIDE-BAND DELTA®-DUO TAPE DELTA®-TIXX ⁵ | DELTA®-MULTI-BAND DELTA®-TIXX ⁵ DELTA®-TIXX VDR DELTA®-INSIDE-BAND | DELTA®-MULTI-BAND DELTA®-TIXX ⁵ DELTA®-TIXX VDR DELTA®-INSIDE-BAND | DELTA®-MULTI-BAND DELTA®-TIXX VDR | DELTA®-MULTI-BAND DELTA®-THAN ⁸ DELTA®-TIXX VDR | DELTA®-THAN ⁸ DELTA®-TIXX VDR | – |
| DELTA®-TIXX DELTA®-TIXX VDR ⁶ DELTA®-PRIMER ⁷ | DELTA®-TIXX DELTA®-TIXX VDR ⁶ DELTA®-PRIMER ⁷ | DELTA®-TIXX DELTA®-TIXX VDR ⁶ DELTA®-PRIMER ⁷ | DELTA®-THAN DELTA®-TIXX VDR | DELTA®-THAN DELTA®-TIXX VDR ⁶ | DELTA®-THAN DELTA®-TIXX VDR | – |
| DELTA®-FLEXX-BAND DELTA®-LIQUIXX | DELTA®-FLEXX-BAND DELTA®-LIQUIXX | DELTA®-FLEXX-BAND DELTA®-LIQUIXX | DELTA®-FLEXX-BAND DELTA®-BUTYL-BAND | DELTA®-FLEXX-BAND DELTA®-LIQUIXX | DELTA®-THAN DELTA®-FLEXX-BAND | – |

¹ Cover bonding with UV radiation

² Not suitable for bonding to PE films

³ Surface preparation with DELTA®-PRIMER

⁴ For DELTA®-VENT as airtightness layer

⁵ With pre-dried sealing bead

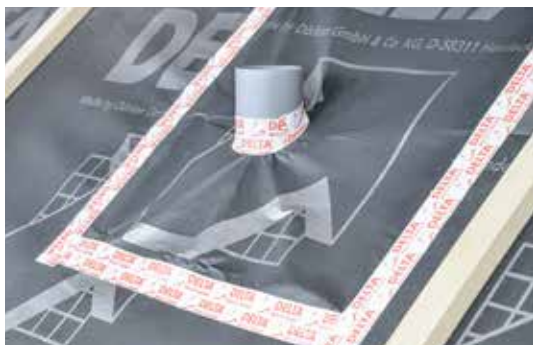
⁶ With a smooth surface

⁷ For background preparation

⁸ For only outdoor use

⁹ Use with DELTA®-FASSADE COLOR

Adhesive tapes and cartridge adhesives



DELTA®-MULTI-BAND M 60 / M 100 / M 150

Universal adhesive tape with maximum adhesive power for bonding overlaps, penetrations and repair of cracks. Suitable for indoor and outdoor use. High resistance to aging.

Material Pure acrylate adhesive. Elastic and flexible.

| Roll size | Art. No. | Packaging | Per pallet |
|---------------|----------|--------------|------------|
| 25 m × 60 mm | 02202339 | 10 rolls/box | 85 boxes |
| 25 m × 100 mm | 02203581 | 6 rolls/box | 85 boxes |
| 25 m × 150 mm | 02206495 | 4 rolls/box | 85 boxes |



DELTA®-INSIDE BAND

Single-faced paper-backed adhesive tape for indoor use. Hand-tearable.

Material Waterproof special paper with high-quality acrylate adhesive.

| Roll size | Art. No. | Packaging | Per pallet |
|--------------|----------|--------------|------------|
| 40 m × 60 mm | 02206137 | 10 rolls/box | 28 boxes |



DELTA®-TIXX

Permanently reliable adhesive packed in cartridge or the tubular bag. Ideal for airtight connection of DELTA® air and vapor barriers to masonry. Also suitable for substrates such as wood and metal. Without pressure bar. Suitable for indoor use.

Material Dense, robust adhesive. Solvent-free.
Coverage approx. 7 m/cartridge
approx. 13 m/ tubular bag

| Content | Art. No. | Packaging | Per pallet |
|----------------------|----------|-----------------------|------------|
| 310 ml (cartridge) | 02202448 | 12 cartridge/box | 75 boxes |
| 600 ml (tubular bag) | 02203167 | 20 tubular bags / box | 36 boxes |

Adhesive tapes and cartridge adhesives



DELTA®-TIXX VDR

Adhesive cord for wind and airtight connection of sheets to components.

| Roll size | Art. No. | Packaging | Per pallet |
|--------------------|----------|--------------|------------|
| 12 mm x 8 m x 4 mm | 02206173 | 10 rolls/box | 150 boxes |



DELTA®-THAN

Permanently elastic special-rubber cartridge adhesive for sealing and connecting DELTA®-sheets and DELTA®-amp proof courses in outdoor application.

Material Permanently elastic special-rubber cartridge adhesive.
Coverage approx. 7 lfd. M./cartridge

| Content | Art. No. | Packaging | Per pallet |
|----------------------|----------|-----------------------|------------|
| 310 ml (cartridge) | 02201680 | 12 cartridges/box | 84 boxes |
| 600 ml (tubular bag) | 02200201 | 12 tubular bags / box | 60 boxes |



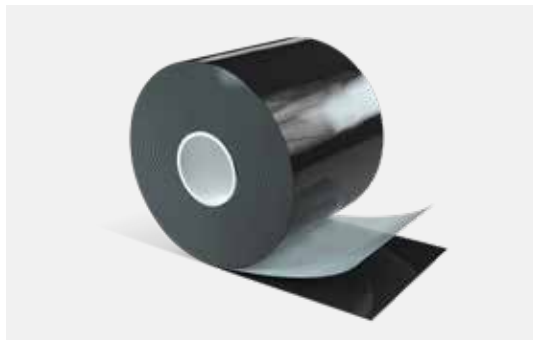
DELTA®-FLEXX-BAND F 100 / F 150 / F 225 / F 300

Sealing and connecting tape suitable for outside and inside details such as skylights, flue pipes, cables. Can be plastered over.

Material Stretchable butyl rubber adhesive on special fleece.

| Roll size | Art. No. | Packaging | Per pallet |
|-----------------------|----------|-------------|------------|
| 10 m x 100 mm (F 100) | 02202022 | 3 rolls/box | 56 boxes |
| 10 m x 150 mm (F 150) | 02207886 | 4 rolls/box | 35 boxes |
| 10 m x 225 mm (F 225) | 02207887 | 2 rolls/box | 60 boxes |
| 10 m x 300 mm (F 300) | 02207888 | 2 rolls/box | 70 boxes |

Adhesive and sealing tapes



DELTA®-FLEXX-BAND FG 80 / FG 150

Sealing and connecting tape suitable for outside and inside details such as skylights, flue pipes, cables.

Material Solvent-free butyl rubber adhesive on special PE film with siliconized PE cover foil, slit in the middle.

| Roll size | Art. No. | Packaging | Per pallet |
|-----------------------|----------|-------------|------------|
| 6 m × 80 mm (FG 80) | 02206172 | 3 rolls/box | 96 boxes |
| 6 m × 150 mm (FG 150) | 02208383 | 4 rolls/box | 30 boxes |



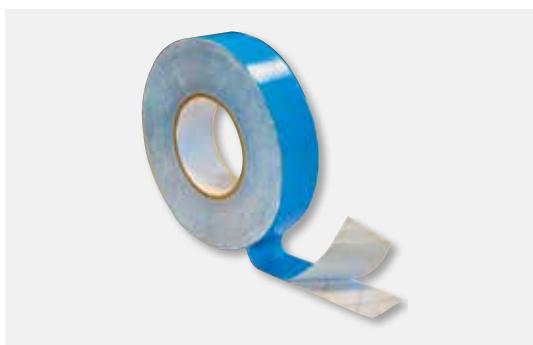
DELTA®-TAPE FAS

Highly ageing-resistant, strong adhesive tape for bonding overlaps, penetrations and difficult details especially for DELTA® façade sheets. 5,000 h accelerated aging QUV test: pass

Material Pure-acrylate adhesive with a highly UV-resistant backing.

🔥 Fire class B-s1, d0 in combination with DELTA®-FASSADE or DELTA®-FASSADE S

| Roll size | Art. No. | Packaging | Per pallet |
|--------------------------------------|----------|--------------|------------|
| 20 m × 60 mm (DELTA®-TAPE FAS 60) | 02203549 | 10 rolls/box | 85 boxes |
| 20 m × 60 mm (DELTA®-TAPE FAS 30/30) | 02207924 | 10 rolls/box | 85 boxes |
| 20 m × 100 mm (DELTA®-TAPE FAS 100) | 02203551 | 6 rolls/box | 85 boxes |
| 20 m × 230 mm (DELTA®-TAPE FAS 230) | 02204230 | 2 rolls/box | 85 boxes |



DELTA®-DUO-TAPE 38

Double-sided, reinforced, hand-tearable and highly adhesive tape.

Material Acrylate tape with thread reinforcement.

| Roll size | Art. No. | Packaging | Per pallet |
|--------------|----------|--------------|------------|
| 50 m × 38 mm | 02203662 | 16 rolls/box | 48 boxes |

Adhesive and sealing tapes



DELTA®-BAND RA/RB

Sealing tape for repairs to existing sheet metal parts (eg. rain gutters) and small cracks.

Material Bitumen/rubber sealing tape with an aluminium or lead-coloured cover.

| Tape No. | Roll size | Art. No. | Packaging | Per pallet |
|----------|---------------|----------|-------------|------------|
| RA 50 | 50 mm × 10 m | 02202026 | 6 rolls/box | 96 boxes |
| RA 75 | 75 mm × 10 m | 02202027 | 4 rolls/box | 96 boxes |
| RA 100 | 100 mm × 10 m | 02202028 | 3 rolls/box | 96 boxes |
| RA 150 | 150 mm × 10 m | 02202029 | 2 rolls/box | 96 boxes |
| RA 300 | 300 mm × 10 m | 02201508 | 1 roll | 96 boxes |
| RB 50 | 50 mm × 10 m | 02202031 | 6 rolls/box | 96 boxes |
| RB 75 | 75 mm × 10 m | 02202032 | 4 rolls/box | 96 boxes |
| RB 100 | 100 mm × 10 m | 02202033 | 3 rolls/box | 96 boxes |
| RB 150 | 150 mm × 10 m | 02202034 | 2 rolls/box | 96 boxes |
| RB 300 | 300 mm × 10 m | 02201510 | 1 roll | 96 boxes |



DELTA®-KOM-BAND K 15

Combined with pressure strips, for terminating DELTA® air and vapour barriers at plastered base surfaces in compliance with DIN V 4108, part 7. For sealing DELTA® air and vapour barrier connecting joints.

Material Pre-compressed, acrylate-saturated soft foam sealing tape.
Thickness 4/17 mm

| Roll size | Art. No. | Packaging | Per pallet |
|-------------|----------|--------------|------------|
| 8 m × 15 mm | 02202037 | 10 rolls/box | 60 boxes |

Sealing tapes and accessories



DELTA®-SCHAUM-BAND SB 50 / SB 60 / SB 80

Single-sided adhesive sealing tape for sealing nail points between counter battens and underlay.

Material Made of VPE foam, single-faced. Apply to sheet surfaces or counterbattens.

| Roll size | Art. No. | Packaging | Per pallet |
|--------------|----------|-------------|------------|
| 30 m × 50 mm | 02206497 | 6 rolls/box | 30 boxes |
| 30 m × 60 mm | 02203347 | 5 rolls/box | 30 boxes |
| 30 m × 80 mm | 02203803 | 3 rolls/box | 30 boxes |



DELTA®-DICHT-BAND D 50

Sealing tape for use under counter battens.

Material Bitumen / rubber compound with deformable PE cover foil.

| Roll size | Art. No. | Packaging | Per pallet |
|--------------|----------|-------------|------------|
| 10 m × 50 mm | 02202920 | 6 rolls/box | 96 boxes |



DELTA®-UNIVERSALMESSER

Cutting aid for easy processing of DELTA® roofing sheets and dimpled sheets.

| Art. No. | Packaging |
|----------|-----------|
| 02203256 | 1 piece |

Liquid adhesives



DELTA®-HF-PRIMER

Solvent-free primer for porous surfaces.

Material Polyacrylate dispersion based

| Content | Art. No. | Packaging | Per pallet |
|-------------------------|----------|---------------|------------|
| 1 Liter, 1,000 g/bottle | 02206087 | 4 bottles/box | 90 boxes |



DELTA®-ALPINA QSM

Source welding agent for DELTA®-ALPINA.

Coverage approx. 10 ml/m
approx. m/bottle

| Content | Art. No. | Packaging | Per pallet |
|-------------------------|----------|----------------|------------|
| 1 Liter, 1,000 g/bottle | 02205676 | 10 bottles/box | 34 boxes |



DELTA®-EASYFIXX

Spray adhesive as a universal fixation and assembly aid. For bonding perimeter insulation to DELTA®-THENE. As primer for DELTA®-MULTI-BAND on HWF.

Coverage up to 9 m² per liter (depending on the substrate)

| Content | Art. No. | Packaging | Per pallet |
|-------------------|----------|-------------|------------|
| 500 ml, 500 g/can | 02207643 | 12 cans/box | 100 boxes |

Liquid adhesives and accessories



DELTA®-PINSELFLASCHE

For the fine craftsmanship processing of DELTA®-ALPINA QSM.

| Capacity | Art. No. | Packaging |
|----------|----------|----------------|
| 500 ml | 02205634 | 10 bottles/box |



Brush for DELTA®-PINSELFLASCHE

| Art. No. | Packaging |
|----------|---------------|
| 02205633 | 10 pieces/box |



DELTA®-DICHTNAGEL

Self-sealing nail for fastening DELTA®-TRELA and all DELTA®-roofing sheets suitable for hard sheathing.

Material Galvanized wide-head nail with EPDM sealing disc.

| Size | Art. No. | Packaging |
|--------------------------|----------|----------------|
| Length: 25 mm, Ø: 2.8 mm | 02202389 | 120 pieces/bag |

Accessories



DELTA®-FAS CORNER

The flexible plastic corner for reliable air and watertight connections in timber frame constructions. Permanently UV-resistant. Suitable for indoor and outdoor applications.

Material Thermoplastic Elastomer (TPE)

| Size | Art. No. | Packaging |
|--------------------|----------|---------------|
| 100 x 150 x 190 mm | 02203724 | 40 pieces/box |



DELTA®-FLEXX CORNER

Flexible sealing for all external corners of chimneys and rising components.

| Art. No. | Packaging |
|----------|---------------|
| 02206900 | 20 pieces/box |



DELTA®-FLEXX MANSCHETTE

Highly elastic steam pipe sleeve, suitable for all usual pipe with the diameters of 100 – 125 – 150 mm.

| Art. No. | Packaging |
|----------|---------------|
| 02206901 | 10 pieces/box |

Roof coatings



DELTA®-DACHCOLOR

Protects all roof elements such as fireplace mantels, fans, snow guards or gutters, from corrosion and weathering. Match with roof tile color. For large surface coatings, we recommend DELTA®-ROOFCOAT.

Material Acrylic coating
Consumption 6–10 m²/l (depending on absorbency of the surface)

📌 Only available as full package.

| Colour | Content | Art. No. | Packaging |
|----------------------|---------|----------|------------|
| ● 3990 – Red | 0.75l | 07336298 | 6 tins/box |
| | 2.50l | 07336297 | 6 tins/box |
| ● 3991 – Brick red | 0.75l | 07336318 | 6 tins/box |
| | 2.50l | 07336317 | 6 tins/box |
| ● 3993 – Classic red | 0.75l | 07336306 | 6 tins/box |
| | 2.50l | 07336305 | 6 tins/box |
| ● 7991 – Slate grey | 0.75l | 07336314 | 6 tins/box |
| | 2.50l | 07336313 | 6 tins/box |
| ● 8991 – Dark brown | 0.75l | 07336302 | 6 tins/box |
| | 2.50l | 07336301 | 6 tins/box |
| ● 8993 – Turf brown | 0.75l | 07336316 | 6 tins/box |
| | 2.50l | 07336315 | 6 tins/box |
| ● 9990 – Anthracite | 0.75l | 07336300 | 6 tins/box |
| | 2.50l | 07336299 | 6 tins/box |

Roof coatings



DELTA®-ROOFCOAT

High-quality functional paint for the roof with nanotechnology and Clean-Protector. Water thinnable roof acrylic paint for the coating of pitched and flat roofs (from 3 degrees inclination). Adheres to concrete roofing tiles, fiber cement, roofing and corrugated sheets, to split or supplied roofing membranes, natural and artificial slate façades and to plastics (Hard PVC).

Material Acrylic emulsion paint with nanotechnology.
Consumption approx. 180 ml/m²/coat
(depending on absorbency of the surface).

! Only available as full package.

| Colour | Content | Art. No. | Packaging |
|----------------------|---------|----------|------------|
| ● 3990 – Red | 5.0l | 07335548 | 4 tins/box |
| | 12.0l | 07301474 | Bucket |
| ● 3991 – Brick red | 5.0l | 07335549 | 4 tins/box |
| | 12.0l | 07301477 | Bucket |
| ● 3993 – Classic red | 5.0l | 07335550 | 4 tins/box |
| | 12.0l | 07308904 | Bucket |
| ● 7991 – Slate grey | 5.0l | 07335551 | 4 tins/box |
| | 12.0l | 07301479 | Bucket |
| ● 8991 – Dark brown | 5.0l | 07335552 | 4 tins/box |
| | 12.0l | 07301482 | Bucket |
| ● 8993 – Turf brown | 5.0l | 07335546 | 4 tins/box |
| | 12.0l | 07301488 | Bucket |
| ● 9990 – Anthracite | 5.0l | 07335547 | 4 tins/box |
| | 12.0l | 07301494 | Bucket |



DELTA®-ZINK-RINNEN-FARBE

Corrosion protection for the inner part of the gutter. Stable protection against weather and corrosion. For ground, intermediate and top coat. Strong adhesion to zinc, galvanized steel surfaces and hard PVC.

Material Mixed-polymer silk-finish paint (RAL 7035, light grey).
Coverage 6 – 10 m²/l (depending on absorbency of the surface).

! Only available as full package.


| Content | Art. No. | Packaging |
|---------|----------|------------|
| 0.75l | 07336477 | 6 tins/box |
| 2.50l | 07336475 | 6 tins/box |

Thinner



VERDÜNNUNG 488

Special thinner for DELTA®-DACHCOLOR and DELTA®-ZINK-RINNEN-FARBE.

 Only available as full package.

| Content | Art. No. | Packaging |
|---------|----------|------------|
| 1.0l | 07321138 | 6 tins/box |

Foundation wall protection, drainage and waterproofing systems

Protection and drainage sheets (Vertical application)

| | |
|--------------------------------|----|
| DELTA®-TERRAXX | 44 |
| DELTA®-GEO DRAIN QUATTRO | 44 |
| DELTA®-MS DRAIN | 44 |
| DELTA®-NP DRAIN | 45 |
| DELTA®-EQ DRAIN | 45 |

Protection (Vertical application)

| | |
|-----------------|----|
| DELTA®-MS | 46 |
| DELTA®-NB | 46 |

Special application (refurbishment)

| | |
|---------------------------|----|
| DELTA®-PT | 47 |
| DELTA®-MS underslab | 47 |
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Civil engineering and tunnel construction

| | |
|-------------------------|----|
| DELTA®-TERRAXX TP | 48 |
| DELTA®-ATS | 48 |
| DELTA®-AT 800 | 48 |
| DELTA®-MS | 49 |
| DELTA®-MS 20 | 49 |

Protection and drainage sheets (Horizontal application)

| | |
|--------------------------|----|
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| DELTA®-FLORAXX TOP | 50 |
| DELTA®-FLORAXX | 50 |

Green roof accessories

| | |
|--------------------------------|----|
| DELTA®-FLORAXX-VERBINDER | 51 |
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| DELTA®-UNIVERSALMESSER | 51 |

Waterproofing systems and accessories

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|---------------------------------------|----|
| DELTA®-THENE | 52 |
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| DELTA®-THENE-GRUNDANSTRICH | 53 |
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Dimpled protection and drainage sheet accessories

| | |
|----------------------------------|----|
| DELTA®-TERRAXX-PROFIL | 54 |
| DELTA®-TERRAXX-SCHRAUBE | 54 |
| DELTA®-NOPPENBAHNEN-PROFIL | 54 |
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| DELTA®-HAFTNAGEL | 55 |
| DELTA®-MS DÜBEL | 55 |
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| DELTA®-GEO-DRAIN CLIP | 56 |
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Accessories

| | |
|--------------------------------|----|
| DELTA®-DRÄNAGEVLIES | 57 |
| DELTA®-PLATTENLAGER | 57 |
| DELTA®-AUSGLEICHSSCHEIBE | 57 |
| DELTA®-THAN | 58 |

Damp-proof courses and accessories

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|-----------------------------------|----|
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| DELTA®-PROTEKT | 59 |
| DELTA®-PVC-MAUERWERKSSPERRE | 60 |
| DELTA®-MAUERWERKSECKE | 60 |
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| DELTA®-MWSP-CLIP | 61 |
| DELTA®-RADONSPERRE | 62 |



Foundation wall protection, drainage and waterproofing systems

Protection and drainage sheets (Vertical application)



Protection and drainage sheet

DELTA®-TERRAXX*

Protection and drainage system with high compressive strength. In compliance with DIN 18531, DIN 4095 and EN 13252. With integrated self-adhesive edges. Tested long-term durability for 100 years.

| | |
|----------------------------|--|
| Material | High-density polyethylene (HDPE) dimpled sheet with laminated PP filtration geotextile. Alkali and chemical resistant. Rot-proof. Free of recycled material. |
| Compressive strength | approx. 400 kN/m ² |
| Dimple height | approx. 9 mm |
| Drainage capacity | approx. 3.1 l/s · m at 20 kN/m ² (i = 1) |
| Maximal installation depth | 10 m |

| Roll size | Art. No. | Packaging | m ² /pallet |
|--|----------|-----------------|------------------------|
| 12.50 m × 2.40 m (DELTA®-TERRAXX) | 06602208 | 17 rolls/pallet | 510 |
| 12.50 m × 0.75 m (DELTA®-TERRAXX-STREIFEN) | 02206377 | 12 rolls/pallet | 112.50 |

* Also available as DELTA®-TERRAXX R with dimpled structure made of recycled HDPE (Art. No. 06602508).



Protection and drainage sheet

DELTA®-GEO DRAIN QUATTRO

3-Laags drainagesysteem voor bitumenafdichtingen.

| | |
|----------------------------|---|
| Material | Special high-density PE dimpled sheet made with laminated PP geotextile, PE sliding foil and PP fleece. Alkali and chemical resistant, rot-proof in the soil. |
| Compressive strength | approx. 400 kN/m ² |
| Dimple height | approx. 9 mm |
| Drainage capacity | approx. 3.1 l/s · m at 20 kN/m ² (i = 1) |
| Maximal installation depth | 10 m |

| Afmetingen | Artikelnummer | Verpakking | m ² /pallet |
|------------------|---------------|---------------------|------------------------|
| 12.50 m × 2.00 m | 06602245 | 6 rollen/europallet | 150 |



Protection and drainage sheet

DELTA®-MS DRAIN

Dimpled sheet with integrated geotextile fleece. Protects perimeter insulation and the sealing of the basement wall from damage, surface and leachate.

| | |
|----------------------------|---|
| Material | High-density polyethylene dimpled sheet free from recycled material with a fused-on hydrophilic polypropylene geotextile. |
| Compressive strength | approx. 500 kN/m ² |
| Dimple height | approx. 4 mm |
| Drainage capacity | approx. 0.6 l/s · m at 20 kN/m ² (i = 1) |
| Maximal installation depth | 10 m |

| Roll size | Art. No. | Packaging | m ² /pallet |
|---------------|----------|----------------|------------------------|
| 30 m × 2.00 m | 06602492 | 6 rolls/pallet | 360 |

Protection and drainage sheets (Vertical application)



DELTA®-NP DRAIN

Geocomposite drainage sheet for foundation walls, sub-base course and stone/gravel covered flat roofs.

| | |
|----------------------------|--|
| Material | Brown HDPE dimpled sheet with laminated PP geotextile. |
| Compressive strength | approx. 8 mm |
| Dimple height | approx. 150 kN/m ² |
| Drainage capacity | approx. 1.8 l/s · m at 20 kN/m ² (i = 1) |
| Maximal installation depth | 7 m |

| Roll size | Art. No. | Packaging | m ² /pallet |
|------------------|----------|-------------|------------------------|
| 20 m × 2.00 m | 06602247 | Single roll | 5 rolls |
| 12.50 m × 3.00 m | 06602303 | Single roll | 20 rolls |



Protection and drainage sheet

DELTA®-EQ DRAIN

Economical and efficient drainage sheet for civil engineering and project construction.

| | |
|----------------------------|--|
| Material | Special HDPE dimpled sheet with laminated PP geotextile. |
| Compressive strength | approx. 200 kN/m ² |
| Dimple height | approx. 9 mm |
| Drainage capacity | approx. 2.8 l/s · m at 20 kN/m ² (i = 1) |
| Maximal installation depth | 7 m |

| Roll size | Art. No. | Packaging | m ² /pallet |
|------------------|----------|-----------------|------------------------|
| 12.50 m × 2.40 m | 02204549 | 15 rolls/pallet | 450 |

Protection (Vertical application)



Protection sheet

DELTA®-MS

The "classic" dimpled sheet for use as foundation protection, sub-base course, and seepage layer in two-leaf constructions.

| | |
|----------------------------|--|
| Material | Special high-density PE dimpled sheet. Harmless for drinking water. Rot-proof in the soil. |
| Compressive strength | approx. 250 kN/m ² |
| Dimple height | approx. 8 mm |
| Maximal installation depth | 9 m |

| Roll size | Art. No. | Packaging | m ² /pallet |
|---------------|----------|----------------------|------------------------|
| 20 m × 1.00 m | 06601317 | 11 rolls/Euro-pallet | 220 |
| 20 m × 1.50 m | 06601318 | 11 rolls/Euro-pallet | 330 |
| 20 m × 2.00 m | 06601319 | 11 rolls/Euro-pallet | 440 |
| 20 m × 2.40 m | 06601320 | 28 rolls/pallet | 1,344 |
| 20 m × 3.00 m | 06601548 | 28 rolls/pallet | 1,680 |



DELTA®-NB

Cost-efficient dimpled sheet for use in foundation protection, as sub-base course and seepage layer in 2-leaf constructions

| | |
|----------------------------|--|
| Material | Special high-density PE, plasticizer-free, fully recyclable. |
| Compressive strength | approx. 200 kN/m ² |
| Dimple height | approx. 8 mm |
| Maximal installation depth | 3 m |

| Roll size | Art. No. | Packaging | m ² /pallet |
|---------------|----------|-----------------|------------------------|
| 20 m × 1.00 m | 06602273 | 15 rolls/pallet | 300 |
| 20 m × 1.50 m | 06602274 | 15 rolls/pallet | 450 |
| 20 m × 2.00 m | 06602275 | 15 rolls/pallet | 600 |
| 20 m × 2.40 m | 06602276 | 35 rolls/pallet | 1,680 |
| 20 m × 3.00 m | 06602277 | 35 rolls/pallet | 2,100 |

Special application (refurbishment)



Renovation of the basement walls

DELTA®-PT

Moisture-inhibiting dimpled sheet for back-ventilated damp cellar walls, with fused-on plaster mesh.

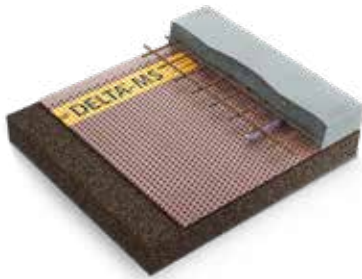
| | |
|----------------------|---|
| Material | Special high-density PE and HDPE gauze. Alkali and chemical resistant, rot-proof. |
| Compressive strength | approx. 70 kN/m ² |
| Dimple height | approx. 8 mm |

| Roll size | Art. No. | Packaging | m ² /pallet |
|---------------|----------|---------------------|------------------------|
| 20 m × 2.00 m | 06601442 | 6 rolls/Euro-pallet | 240 |

Sub-base course as replacement for plain cement concrete

DELTA®-MS underslab

Sub-Base Course & Vapor Retarder for concrete slabs on or below grade in residential and commercial environments. The underslab layer acts as a tough membrane impermeable to water and vapor, that is placed on the earth or granular prior to placing the concrete.



| | |
|----------------------------|--|
| Material | Special high-density PE dimpled sheet. Harmless for drinking water. Rot-proof in the soil. |
| Compressive strength | approx. 250 kN/m ² |
| Dimple height | approx. 8 mm |
| Maximal installation depth | 9 m |

| Roll size | Art. No. | Packaging | m ² /pallet |
|---------------|----------|----------------------|------------------------|
| 20 m × 1.00 m | 06601317 | 11 rolls/Euro-pallet | 220 |
| 20 m × 1.50 m | 06601318 | 11 rolls/Euro-pallet | 330 |
| 20 m × 2.00 m | 06601319 | 11 rolls/Euro-pallet | 440 |
| 20 m × 2.40 m | 06601320 | 28 rolls/pallet | 1,344 |
| 20 m × 3.00 m | 06601548 | 28 rolls/pallet | 1,680 |



Seepage layer for two-leaf constructions

DELTA®-MS 20

20 mm high dimpled sheet as a seeping layer in 2-leaf vertical constructions. New octagon-shaped dimple with reinforcing ribs for particularly high pressure resistance.

| | |
|----------------------|---|
| Material | Special high-density PE dimpled sheet Alkali and chemical resistant, rot-proof in the soil. |
| Compressive strength | approx. 200 kN/m ² |
| Dimple height | approx. 20 mm |

| Roll size | Art. No. | Packaging | m ² /pallet |
|---------------|----------|-----------------------------|------------------------|
| 20 m × 2.00 m | 06602455 | 6 rolls / Industrial pallet | 240 |

Civil engineering and tunnel construction

Civil engineering applications



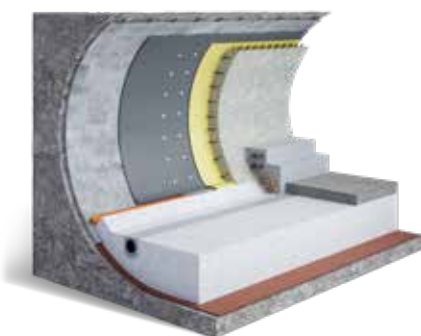
DELTA®-TERRAXX TP*

Protection and drainage layer with high compressive strength (up to 650 kN/m²) and integrated self adhesive edge.

| | |
|----------------------------|--|
| Material | High-density polyethylene (HDPE) dimpled sheet with laminated PP filtration geotextile. Alkali and chemical resistant. Rot-proof. Free of recycled material. |
| Compressive strength | approx. 650 kN/m ² |
| Dimple height | approx. 9 mm |
| Drainage capacity | approx. 3.1 l/s · m at 20 kN/m ² (i = 1) |
| Maximal installation depth | approx. 20 mm |
| Applications | drainage of retaining walls, bored pile walls, timber walls / 'Berlin' lining, bridge abutments, ... |

| Roll size | Art. No. | Packaging | m ² /pallet |
|-----------------|----------|-----------------|------------------------|
| 12.5 m × 2.40 m | 06602669 | 15 rolls/pallet | 450 |

* Also available as DELTA®-TERRAXX R with compressive strength approx. 400 kN/m² and 10 m installation depth (Art. No. 06602208).



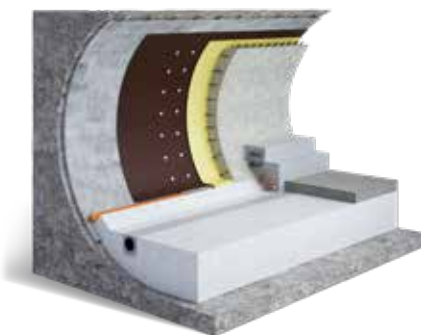
Tunnel

DELTA®-ATS

Drainage sheet, weldable, for protecting tunnel vaults from rock or seepage water under hydrostatic pressure. Dry tunnel vaults conformable with Class2/B1 (semi-dry). Simple to attach using conventional tools (Hilti/Spit).

| | |
|----------------------|--|
| Material | Special high-density PE and HDPE leno cloth. |
| Compressive strength | approx. 650 kN/m ² |
| Dimple height | approx. 9 mm |
| Drainage capacity | approx. 3.5 l/m ² |

| Roll size | Art. No. | Packaging | m ² /pallet |
|-----------------|----------|----------------------|------------------------|
| 12.5 m × 2.55 m | 02206950 | 18 rolls/Euro-pallet | 573 |



Tunnel

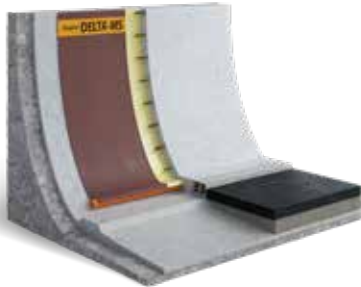
DELTA®-AT 800

HDPE dimpled sheet for tunnel constructions.

| | |
|----------------------|----------------------------------|
| Material | High Density Polyethylene (HDPE) |
| Compressive strength | 650 kN/m ² |
| Dimple height | 9 mm |
| Drainage capacity | 3.50 l/m ² |

| Roll size | Art. No. | Packaging | m ² /pallet |
|---------------|----------|---------------------|------------------------|
| 20 m × 2.00 m | 06602100 | 6 rolls/Euro-pallet | 240 |

Civil engineering and tunnel construction



Tunnel

DELTA®-MS

Surface drainage system for tunnel vault. To catch water seeping from the rock and convey it to a drainage pipe at the base of the tunnel. DELTA®-MS is generally installed directly against the shotcrete layer.

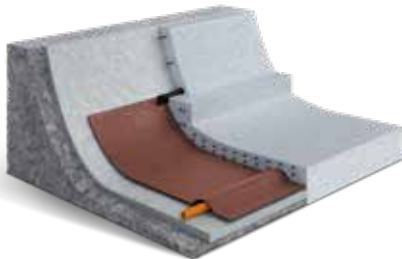
| | |
|----------------------|--|
| Material | Special high-density PE dimpled sheet. Harmless for drinking water. Rot-proof in the soil. |
| Compressive strength | approx. 250 kN/m ² |
| Dimple height | approx. 8 mm |
| Drainage capacity | approx. 1.9 l/s · m at 20 kN/m ² (i = 1) |

| Roll size | Art. No. | Packaging | m ² /pallet |
|---------------|----------|-----------------|------------------------|
| 20 m × 1.00 m | 06601317 | 11 rolls/pallet | 220 |
| 20 m × 1.50 m | 06601318 | 11 rolls/pallet | 330 |
| 20 m × 2.00 m | 06601319 | 11 rolls/pallet | 440 |
| 20 m × 2.40 m | 06601320 | 28 rolls/pallet | 1,344 |
| 20 m × 3.00 m | 06601548 | 28 rolls/pallet | 1,680 |

Tunnel

DELTA®-MS 20

Drainage and protection surface system for the tunnel floor. Protection from water rising from below.



| | |
|----------------------|---|
| Material | Special high-density PE dimpled sheet Alkali and chemical resistant, rot-proof in the soil. |
| Compressive strength | approx. 200 kN/m ² |
| Dimple height | approx. 20 mm |
| Drainage capacity | approx. 8.4 l/s · m at 20 kN/m ² (i = 1) approx. 1.44 l/s · m at 20 kN/m ² (i = 0.03) approx. 1.17 l/s · m at 20 kN/m ² (i = 0.02) |

| Roll size | Art. No. | Packaging | m ² /pallet |
|---------------|----------|-----------------------------|------------------------|
| 20 m × 2.00 m | 06602455 | 6 rolls / Industrial pallet | 240 |

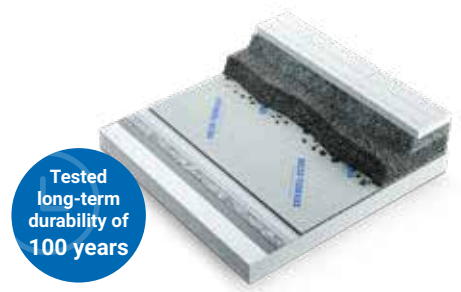
Protection and drainage sheets (Horizontal application)



Protection and drainage sheet

DELTA®-TERRAXX*

Protection and drainage system with high compressive strength. In compliance with DIN 18531, DIN 4095 and EN 13252. With integrated self-adhesive edges. Well suited for walkable and drivable roofs



Tested long-term durability of 100 years

| | |
|----------------------|--|
| Material | High-density polyethylene (HDPE) dimpled sheet with laminated PP filtration geotextile. Alkali and chemical resistant. Rot-proof. Free of recycled material. |
| Compressive strength | approx. 400 kN/m ² |
| Dimple height | approx. 9 mm |
| Drainage capacity | approx. 3.1 l/s · m at 20 kN/m ² (i = 1) approx. 0.32 l/s · m at 20 kN/m ² (i=0.02) |

| Roll size | Art. No. | Packaging | m ² /pallet |
|--|----------|-----------------|------------------------|
| 12.50 m × 2.40 m (DELTA®-TERRAXX) | 06602208 | 17 rolls/pallet | 510 |
| 12.50 m × 0.75 m (DELTA®-TERRAXX-STREIFEN) | 02206377 | 12 rolls/pallet | 112.50 |

* Also available as DELTA®-TERRAXX TP with compressive strength approx. 650 kN/m² (Art. No. 06602669).
Also available as DELTA®-TERRAXX R with dimpled structure made of recycled HDPE and compressive strength approx. 400 kN/m² (Art. No. 06602508).

Protection, retention and drainage sheet

DELTA®-FLORAXX TOP

Protection and drainage sheet with 20 mm dimples and laminated geotextile. Thanks to its water storage capacity, suitable for use in green roofs. Extra high pressure resistant due to its octagonal-shaped dimples with additional reinforcing ribs for. CE certified according to EN 13252. Well suited for inverted roofs.



Stores water

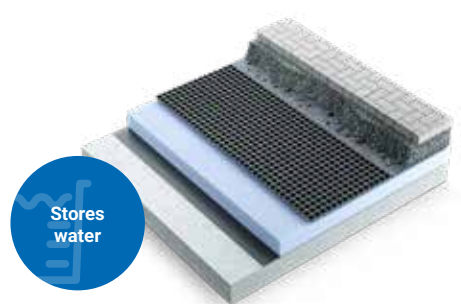
| | |
|------------------------|--|
| Material | High-density polyethylene (HDPE) dimpled sheet with laminated PP filtration geotextile. |
| Compressive strength | approx. 200 kN/m ² |
| Dimple height | approx. 20 mm |
| Drainage capacity | approx. 8.4 l/s · m at 20 kN/m ² (i = 1) approx. 1.17 l/s · m at 20 kN/m ² (i=0.02) |
| Water storage capacity | approx. 7 l/m ² |

| Roll size | Art. No. | Packaging | m ² /pallet |
|--------------------------------------|----------|------------------------------|------------------------|
| 10 m × 2.00 m (Fleece width: 2.10 m) | 06602441 | 12 rolls / Industrial pallet | 240 |

Protection, retention and drainage sheet

DELTA®-FLORAXX*

20 mm high dimpled sheet with water storage function for walkable inverted roofs or green roofs. Octagonal dimples with additional reinforcing ribs. CE certified according to EN 13252. Well suited for inverted roofs.



Stores water

| | |
|------------------------|---|
| Material | Root resistant, High-density polyethylene (HDPE) dimpled sheet. |
| Compressive strength | approx. 200 kN/m ² |
| Dimple height | approx. 20 mm |
| Drainage capacity | approx. 10 l/s · m at 20 kN/m ² (i = 1) approx. 1.17 l/s · m at 20 kN/m ² (i=0.02) |
| Water storage capacity | approx. 7 l/m ² |

| Roll size | Art. No. | Packaging | m ² /pallet |
|---------------|----------|-----------------------------|------------------------|
| 20 m × 2.00 m | 06602435 | 6 rolls / Industrial pallet | 240 |

* Also available as DELTA®-FLORAXX FLAT as 2.35 m × 1.00 m plates (Art. No. 02206166, 470 m²/pallet).

Green roof accessories



DELTA®-FLORAXX-VERBINDER

Connecting rivets and tool. For connecting the overlaps and joints during installation.

Consumption approx. 5 rivets per 2 m of overlap.

❗ Each pallet of DELTA®-FLORAXX and DELTA®-FLORAXX TOP comes with a bag containing approx. 150 rivets and one tool free of charge.

| Art. No. | Packaging |
|----------|----------------|
| 06602493 | 150 pieces/bag |



DELTA®-BIOTOPVLIES

Perforation protection for pond liners or filter fleece. As a green roof system component. (Filter protection for drainage and water storage).

Material PET cloth, grey.
Weight approx. 115 g/m²

| Roll size | Art. No. | Packaging |
|--------------|----------|-------------|
| 25m x 1.50 m | 02200734 | Single roll |

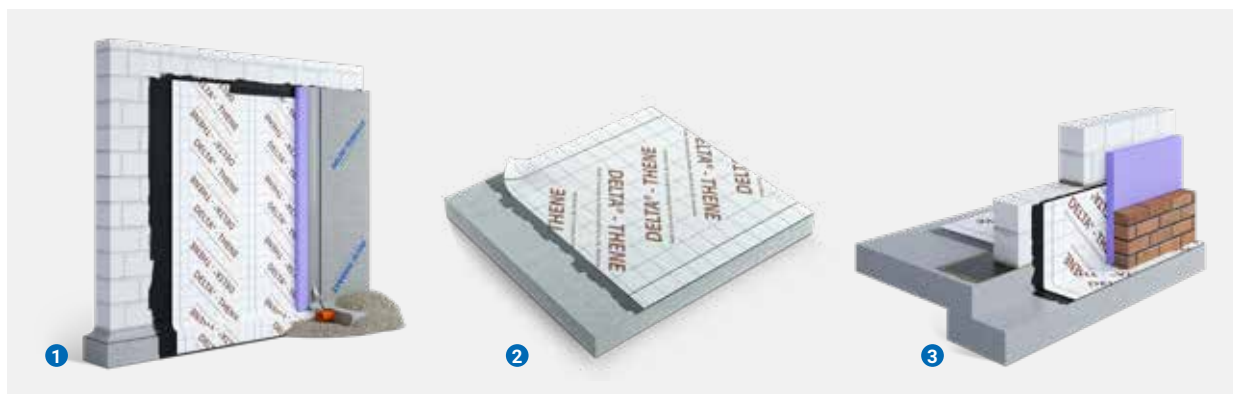


DELTA®-UNIVERSALMESSER

Cutting aid for easy processing of DELTA® roofing sheets and dimpled sheets.

| Art. No. | Packaging |
|----------|-----------|
| 02203256 | 1 piece |

Waterproofing systems and accessories



DELTA®-THENE

- 1 Cold self-adhesive waterproofing membrane as surface sealing in the outdoor area, eg. basements, balconies and terraces (according to DIN 18531, DIN 18534).
- 2 Cold self-adhesive waterproofing membrane as a surface seal in the interior, eg. in wet rooms, balconies and housing before the installation of the floating screed on the wooden or concrete floor.
- 3 Cold self-adhesive waterproofing membrane as L-barrier in 2-leaf masonry without shear force transmission (according to DIN 18533, application type BA and MSB-NQ according to DIN Spec 20000-202)

Material Combination of cross-laminated special HDPE sheet and a waterproofing and adhesive layer of bitumen rubber.

S₀ value approx. 210 m

Thickness approx. 1.5 mm

Weight approx. 1.6 kg/m²

- 1 Also available in 30 and 50 cm width: For the details, eg. on edges, corners, fillets and pipe penetrations. With split backing.

| Roll size | Art. No. | Per pallet |
|---|----------|------------|
| 20 m × 1.00 m | 02202147 | 20 boxes |
| 5 m × 1.00 m | 02202148 | 40 boxes |
| 10 m × 0.30 m (DELTA®-THENE-BAND T 300) | 02202142 | 45 boxes |
| 10 m × 0.50 m (DELTA®-THENE-BAND T 500) | 02207532 | 49 boxes |



DELTA®-FLEXX-BAND F 100

Sealing and connecting tape suitable for outside and inside details such as skylights, flue pipes, cables. Can be plastered over.

Material Stretchable butyl rubber adhesive on special fleece

| Roll size | Art. No. | Packaging | Per pallet |
|---------------|----------|-------------|------------|
| 10 m × 100 mm | 02202022 | 3 rolls/box | 56 boxes |

Waterproofing accessories



DELTA®-THENE-GRUNDANSTRICH

Primer with a high penetration effect for DELTA®-THENE.
Working temperature range between +5°C and +30°C.

Material Bitumen-based primer with solvent content.
Consumption approx. 0.2 – 0.3 l/m² (depending on the surface)

| Art. No. | Packaging | Per pallet |
|----------|-------------|------------|
| 02202715 | 25-l-bucket | 16 buckets |
| 02202716 | 10-l-bucket | 45 buckets |
| 02202717 | 5-l-bucket | 75 buckets |



DELTA®-THENE-KÄLTEGRUNDANSTRICH

Special winter primer DELTA®-THENE for temperatures down to -5°C.

Material Cold-liquid, solvent-based primer.
Consumption approx. 0.2 – 0.3 kg/m² (depending on the surface)

| Art. No. | Packaging | Per pallet |
|----------|--------------|------------|
| 02202461 | 10-kg-bucket | 45 buckets |



DELTA®-THENE GRUND INSIDE

Water-based special primer for interior use.

Material Pure acrylate based special adhesive primer
Consumption approx. 70 ml/m² (depending on the surface)

| Art. No. | Packaging | Per pallet |
|----------|-----------------|------------|
| 07701161 | 10-liter-bucket | 33 buckets |

Dimpled protection and drainage sheet accessories



DELTA®-TERRAXX-PROFIL

Patented edge trim profile for top covering of dimpled sheets and perimeter insulation up to 100 mm. With pre-punched holes every 40 cm for secure attachment.

| | |
|---------------------------------|--|
| Material | Hard PVC, light grey (similar to RAL 2038) |
| Applicable insulation thickness | 60 – 100 mm |
| Patent | DE 102004008831A1 |

| Size | Art. No. | Packaging |
|-------------|----------|------------------|
| Length: 2 m | 06602213 | 20 pieces/bundle |



DELTA®-TERRAXX-SCHRAUBE

Special screw for fastening DELTA®-TERRAXX to insulation panels. Each box comes with a bit for easy screwing.

| | |
|--------------|---|
| Material | Polyamide |
| Total length | 50 mm |
| Consumption | 1 piece/m ² on the sheet and 1 piece for every 50 – 70 cm at the end of the sheet. |

| Size | Art. No. | Packaging |
|---------------|----------|---------------|
| Length: 50 mm | 06602212 | 50 pieces/box |



DELTA®-NOPPENBAHNEN-PROFIL

Edge trim profile for covering the dimpled sheets such as DELTA®-MS, DELTA®-GEO-DRAIN QUATTRO and DELTA®-TERRAXX.

| | |
|-------------|--|
| Material | Hard PVC, brown |
| Side length | 3 cm/7.5 cm With pre-punched holes every 40 cm for secure attachment. |

| Size | Art. No. | Packaging |
|-------------|----------|------------------|
| Length: 2 m | 06601206 | 20 pieces/bundle |

Dimpled protection and drainage sheet accessories

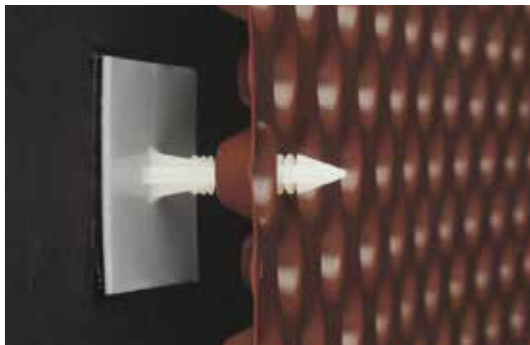


DELTA®-MULTI-FIXX

Universal fastener for all DELTA® dimpled protection and drainage sheets, reversible.

Material HDPE, silver grey
Consumption 1 piece/m² on the sheet and 1 piece for every 50–70 cm at the end of the sheet.

| Size | Art. No. | Packaging |
|------------|----------|------------------------------|
| 40 x 40 mm | 06602663 | 50 pieces/bag 20 bags/box |

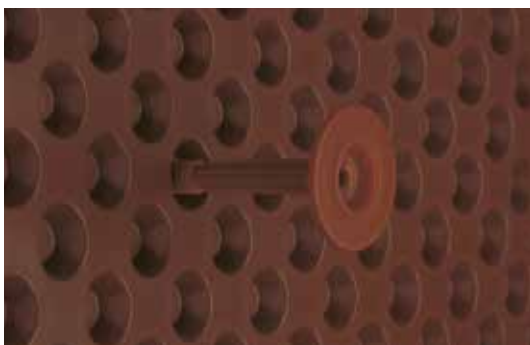


DELTA®-HAFTNAGEL

Special fastener for dimpled sheets with a self-adhesive square base to ensure safe and non-penetrating adhesion to the waterproofing.

Material Polyamide
Consumption 3–5 pieces/m²

| Art. No. | Packaging |
|----------|----------------|
| 06600521 | 100 pieces/box |



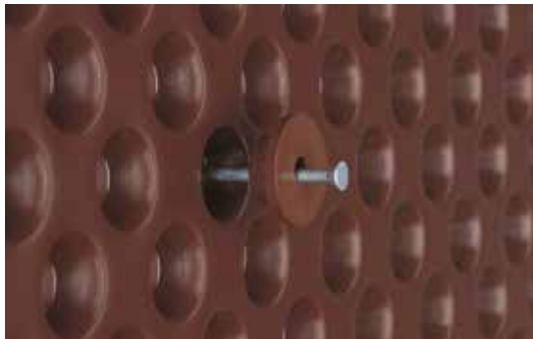
DELTA®-MS DÜBEL

Plastic anchor plug for mounting DELTA®-MS, DELTA®-MS DRAIN, DELTA®-X DRAIN and DELTA®-GEO-DRAIN QUATTRO.

Material HDPE
Length 70 mm
Diameter 9 mm
Consumption 3–5 pieces/m²

| Art. No. | Packaging |
|----------|------------------------------|
| 06601101 | 50 pieces/bag 20 bags/box |

Dimpled protection and drainage sheet accessories



DELTA®-MS KNOPF

Special fastener for precisely fixing DELTA®-MS, DELTA®-MS DRAIN, DELTA®-X DRAIN, DELTA®-GEO-DRAIN QUATTRO and DELTA®-PT with steel nails, screws or bolts.

Material LDPE
 Diameter 17/10 mm (conical)
 Diameter of the hole 4 mm

| Art. No. | Packaging |
|----------|------------------------------|
| 06600649 | 50 pieces/bag 20 bags/box |



DELTA®-GEO-DRAIN CLIP

Installation aid for quick and easy fastening of DELTA®-GEO-DRAIN QUATTRO and DELTA®-TERRAXX.

Material Polyamide, brown
 Consumption clip in almost every 20 cm

| Art. No. | Packaging |
|----------|----------------|
| 06602182 | 100 pieces/box |



DELTA®-PT-PROFIL

Special ceiling and floor profile with ventilation slots for use as end profile with DELTA®-PT.

Material Stabilized PVC, beige
 Verbrauch approx. 60 × 25 mm (height × depth)

| Size | Art. No. | Packaging |
|-------------|----------|------------------|
| Length: 2 m | 06601207 | 20 pieces/bundle |

Accessories



DELTA®-DRÄNAGEVLIES

Separation and filtration fleece for walkway and terrace construction. Provides filtration in the drainage of large surfaces. Also serves to inhibit weed growth.

Material PP-fibers, light grey.
Weight approx. 100 g/m²

| Roll size | Art. No. | Packaging |
|---------------|----------|-------------|
| 50 m × 1.00 m | 02200629 | Single roll |



DELTA®-PLATTENLAGER

For levelling and protecting tiled floors from frost.

Material Polyethylene
Base slab thickness approx. 15 mm
Diameter approx. 180 mm

| Art. No. | Packaging |
|----------|----------------|
| 02200648 | 100 pieces/box |



DELTA®-AUSGLEICHSSCHEIBE

Attachable spacers for DELTA®-PLATTENLAGER zfor levelling height differences.

Material Polyethylene
Thickness approx. 2 mm

| Art. No. | Packaging |
|----------|----------------|
| 02200647 | 100 pieces/box |

Accessories



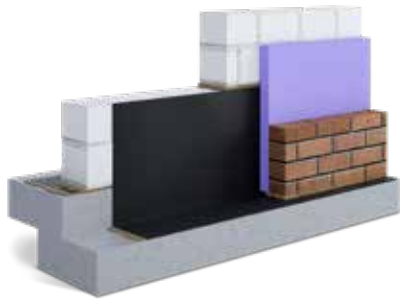
DELTA®-THAN

Permanently elastic special-rubber cartridge adhesive for sealing and connecting DELTA®-sheets and DELTA®-damp proof courses in outdoor application.

Material Permanently elastic special-rubber cartridge adhesive
Coverage approx. 7 m/cartridge

| Content | Art. No. | Packaging |
|---------|----------|---------------------|
| 310 ml | 02201680 | 12 cartridges/box |
| 600 ml | 02200201 | 12 tubular bags/box |

Damp-proof courses

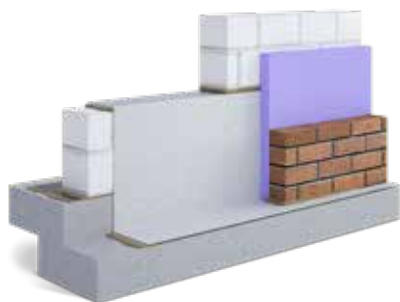


DELTA®-SOFTFLEXX

Highly elastic EPDM damp proofing sheet to protect one and two-leaf masonry from rising damp. Complies with EN 14909. Bitumen compatible.

| | |
|-----------------|--|
| Material | Ethylene-Propylene-Diene-Rubber (EPDM) |
| Thickness | approx. 1.1 mm |
| Stretchability | 300 % according to EN12311-2(B) |
| Fire resistance | Class E according to EN 13501-1 |

| Roll size | Art. No. | Packaging |
|-----------------|----------|-----------------------|
| 25 m × 11.5 cm | 02207143 | 165 rolls/Euro-pallet |
| 25 m × 17.5 cm | 02207145 | 105 rolls/Euro-pallet |
| 25 m × 24.0 cm | 02207147 | 75 rolls/Euro-pallet |
| 25 m × 30.0 cm | 02207149 | 60 rolls/Euro-pallet |
| 25 m × 36.5 cm | 02207151 | 45 rolls/Euro-pallet |
| 25 m × 50.0 cm | 02207153 | 30 rolls/Euro-pallet |
| 25 m × 60.0 cm | 02207155 | 30 rolls/Euro-pallet |
| 25 m × 75.0 cm | 02207157 | 15 rolls/Euro-pallet |
| 25 m × 100.0 cm | 02207159 | 15 rolls/Euro-pallet |



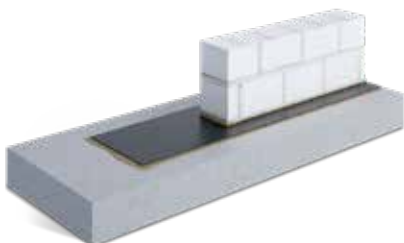
DELTA®-PROTEKT

EVA damp-proof course cloth-laminated on both sides to protect one and two-leaf masonry from rising damp as well as for use under wooden constructions. Complies with EN 14909. Bitumen compatible.

| | |
|----------------------------|--|
| Material | Ethylene-Vinyl-Acetate-Terpolymer (EVA) with PP spunbonded cloth on the surface. |
| Thickness | approx. 1.2 mm |
| ear-resistant (Nail shank) | approx. 300/300 N according to 12310-1 |
| Fire resistance | Class E according to EN 13501-1 |

| Roll size | Art. No. | Packaging |
|-----------------|----------|----------------------|
| 25 m × 17.5 cm | 02204680 | 80 rolls/Euro-pallet |
| 25 m × 24.0 cm | 02204682 | 80 rolls/Euro-pallet |
| 25 m × 30.0 cm | 02204676 | 60 rolls/Euro-pallet |
| 25 m × 36.5 cm | 02204474 | 60 rolls/Euro-pallet |
| 25 m × 50.0 cm | 02204472 | 40 rolls/Euro-pallet |
| 25 m × 60.0 cm | 02204562 | 40 rolls/Euro-pallet |
| 25 m × 75.0 cm | 02204566 | 20 rolls/Euro-pallet |
| 25 m × 100.0 cm | 02204568 | 20 rolls/Euro-pallet |

Damp-proof courses and accessories

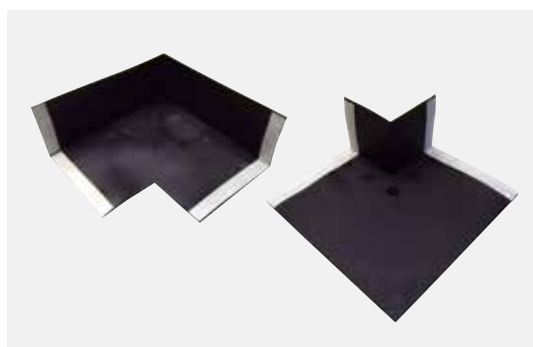


DELTA®-PVC-MAUERWERKSSPERRE

High-quality, rot-resistant damp-proof course to protect one or two-leaf masonry against rising damp. Complies with EN 14909. Not compatible with bitumen.

| | |
|-----------------|--|
| Material | PVC-P film, anthracite, free of recycled material and cadmium. |
| Thickness | approx. 1.2 mm |
| Tear strength | > 12 N/mm ² in both directions |
| Weight | approx. 1.6 kg/m ² |
| Fire resistance | Class E according to EN 13501-1 |

| Roll size | Art. No. | Packaging |
|-----------------|----------|-----------------------|
| 25 m × 10.0 cm | 02202337 | 120 rolls/Euro-pallet |
| 25 m × 11.5 cm | 02201347 | 120 rolls/Euro-pallet |
| 25 m × 17.5 cm | 02201348 | 96 rolls/Euro-pallet |
| 25 m × 24.0 cm | 02201349 | 96 rolls/Euro-pallet |
| 25 m × 30.0 cm | 02201350 | 72 rolls/Euro-pallet |
| 25 m × 36.5 cm | 02201351 | 72 rolls/Euro-pallet |
| 25 m × 50.0 cm | 02201352 | 48 rolls/Euro-pallet |
| 25 m × 60.0 cm | 02201353 | 48 rolls/Euro-pallet |
| 25 m × 75.0 cm | 02201354 | 24 rolls/Euro-pallet |
| 25 m × 100.0 cm | 02201355 | 24 rolls/Euro-pallet |



DELTA®-MAUERWERKSECKE (DELTA®-WALL CORNER)

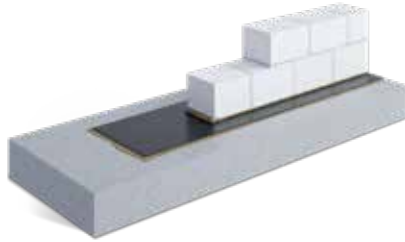
Moulded part for making precisely-fitting inner and outer corners without problems.

| | |
|-----------|--|
| Material | Special bitumen-resistant, rot-proof polyolefin. |
| Thickness | approx. 1.2 mm |

ⓘ Only available as full package.

| Size | Art. No. | Packaging |
|-------------------------------|----------|---------------|
| 40 cm × 40 cm × 15 cm (inner) | 02202658 | 25 pieces/box |
| 40 cm × 40 cm × 15 cm (outer) | 02202659 | 25 pieces/box |

Damp-proof courses and accessories



DELTA®-MAUERWERKSSPERRE

Protects walls from rising damp. May also be used as a damp-proof course under cement floors. CE-Certified.

| | |
|-----------------|---|
| Material | Polyolefin, black, with non-slip profile. |
| Thickness | approx. 0.4 mm |
| Fire resistance | Class E according to EN 13501-1 |

| Roll size | Art. No. | Packaging | Per pallet |
|-----------------|----------|--------------|------------|
| 25 m × 11.5 cm | 02200921 | 12 rolls/box | 480 |
| 25 m × 17.5 cm | 02200924 | 12 rolls/box | 288 |
| 25 m × 24.0 cm | 02200915 | 12 rolls/box | 240 |
| 25 m × 30.0 cm | 02200916 | 12 rolls/box | 192 |
| 25 m × 36.5 cm | 02200925 | 12 rolls/box | 144 |
| 25 m × 50.0 cm | 02200917 | 12 rolls/box | 96 |
| 25 m × 60.0 cm | 02200918 | 12 rolls/box | 96 |
| 25 m × 100.0 cm | 02200920 | Single roll | 100 |



DELTA®-MWSP-CLIP

Facilitates fastening L barriers in two-leaf brick-faced masonry.

| | |
|----------|---|
| Material | Steel wire with zinc-aluminium coating. |
|----------|---|

| Art. No. | Packaging |
|----------|----------------|
| 02202262 | 100 pieces/box |

Damp-proof courses and accessories



DELTA®-RADONSPERRE

Horizontal seal against radon and methane gas.

| | |
|------------------|--|
| Material | Polyolefin |
| Thickness | approx. 0.7 mm |
| Tensile strength | approx. 350/250 N according to DIN 16726 |
| Weight | approx. 460 g/m ² |

i Accessories:
 DELTA®-THENE-BAND T 300 (Page 52), DELTA®-THAN (Page 31 and 58),
 DELTA®-FLEXX-BAND FG 80 or F 100 (Page 31, 32 and 52),
 DELTA®-MAUERWERKSECKE (Page 60)

| Roll size | Art. No. | Packaging | Per pallet |
|--------------|----------|-----------------|------------|
| 25m × 4.00 m | 02204601 | 25 rolls/pallet | 2.500 |

Notes

A large, empty grid of small squares, intended for taking notes or drawing diagrams.

Covers, tarpaulins, scaffolding tarpaulins/nets, garden sheets and fleeces

Covers and tarpaulins

| | |
|-----------------------------|----|
| DELTA®-PLAN 1000 | 66 |
| DELTA®-PLAN 1000 PLUS | 66 |
| DELTA®-PLAN 1500 E | 67 |
| DELTA®-PLAN 2000 | 67 |
| DELTA®-DACHPLANE | 68 |
| D-PLAN-ABDECKPLANE | 68 |
| DELTA®-FOL L | 69 |

Scaffolding tarpaulins and nets

| | |
|-----------------------------|----|
| D-PLAN L | 69 |
| DELTA®-TEX GERÜSTNETZ | 69 |

Tarpaulin accessories

| | |
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| DELTA®-KNEBELBINDER | 70 |
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Garden sheets

| | |
|----------------------|----|
| DELTA®-FOL SUV | 71 |
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Fleeces

| | |
|-------------------------------|----|
| DELTA®-LANDSCHAFTSVLIES | 71 |
| DELTA®-BIOTOPVLIES | 71 |



Covers and tarpaulins



DELTA®-PLAN 1000

Universal cover and tarpaulin.

| | |
|------------------|---|
| Material | Mesh-reinforced 4-layered PE film. UV-stabilized. |
| Eyelet spacing | 10 cm |
| Tensile strength | approx. 350 N/5 cm |
| Weight | approx. 170 g/m ² |

| Roll size | Art. No. | Packaging |
|------------|----------|-------------|
| 4 m × 6 m | 02207717 | 6 items/box |
| 4 m × 8 m | 02207716 | 5 items/box |
| 6 m × 8 m | 02207715 | 3 items/box |
| 6 m × 10 m | 02207714 | 2 items/box |



DELTA®-PLAN 1000 PLUS

Universal cover and tarpaulin.

| | |
|------------------|---|
| Material | Mesh-reinforced 4-layered PE film. UV-stabilized. |
| Eyelet spacing | 10 cm |
| Tensile strength | approx. 450 N/5 cm |
| Weight | approx. 220 g/m ² |

| Roll size | Art. No. | Packaging |
|------------|----------|-------------|
| 4 m × 6 m | 02207721 | 5 items/box |
| 4 m × 8 m | 02207718 | 3 items/box |
| 6 m × 8 m | 02207719 | 2 items/box |
| 6 m × 10 m | 02207720 | 2 items/box |

Covers and tarpaulins



DELTA®-PLAN 1500 E

Universal cover and tarpaulin.

| | |
|------------------|---|
| Material | PE-coated HDPE tape fabric with reinforced edges on all sides, fitted with eyelets. |
| Eyelet spacing | 10 cm |
| Tensile strength | approx. 700 N/5 cm |
| Weight | approx. 155 g/m ² |

| Roll size | Art. No. | Packaging |
|------------|----------|-------------|
| 4 m × 30 m | 02207723 | Single roll |
| 4 m × 40 m | 02207722 | Single roll |



DELTA®-PLAN 2000

Universal cover and tarpaulin.

| | |
|------------------|--|
| Material | HDPE ribbon fabric, both sides PE-coated, edge-reinforced and roughened on 4 sides, UV-stabilized. |
| Eyelet spacing | 10 cm |
| Tensile strength | approx. 900 N/5 cm |
| Weight | approx. 220 g/m ² |

| Roll size | Art. No. | Packaging |
|------------|----------|-------------|
| 4 m × 6 m | 02207678 | 5 items/box |
| 4 m × 8 m | 02207679 | 3 items/box |
| 6 m × 8 m | 02207680 | 2 items/box |
| 6 m × 10 m | 02207681 | 2 items/box |
| 6 m × 12 m | 02207683 | 1 item/box |
| 8 m × 10 m | 02207682 | 1 item/box |
| 8 m × 12 m | 02207684 | 1 item/box |
| 30 m × 4 m | 02207686 | Single roll |
| 40 m × 4 m | 02207685 | Single roll |

Covers and tarpaulins

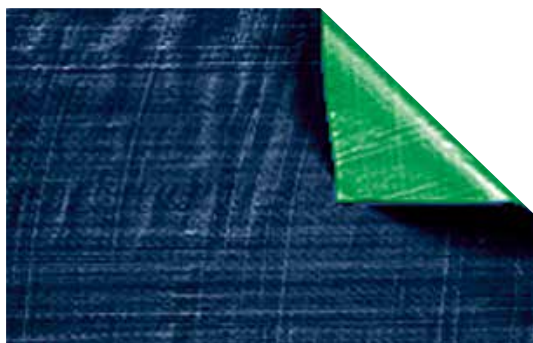


DELTA®-DACHPLANE

High-tenacity PE sheet reinforced by fused-on tapes spaced 60 cm apart. Protects uncovered roof areas from weather, UV-stabilised. Fulfils due-diligence requirements for temporary roofing.

| | |
|------------------|--------------------------------|
| Material | Grid reinforced PE sheet |
| Eyelet spacing | 10 cm |
| Tensile strength | approx. 450 N/5 cm (DIN 53354) |
| Weight | approx. 13.2 kg |

| Roll size | Art. No. | Packaging |
|------------|----------|-------------|
| 6 m x 10 m | 02207737 | 2 items/box |



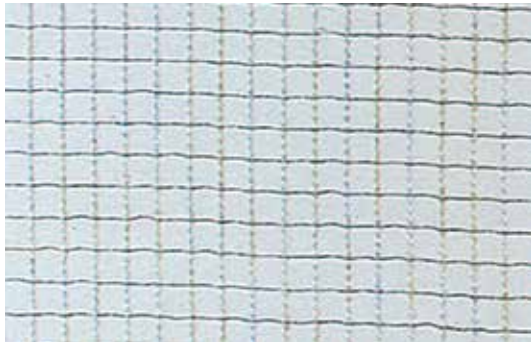
D-PLAN-ABDECKPLANE

Universal cover and tarpaulin.

| | |
|------------------|--|
| Material | HDPE-tape textile, PE-coated, with seam and aluminium eyelets at intervals of 1 m, 2-colour. (green/blue). |
| Tensile strength | approx. 400 N/5 cm |

| Roll size | Art. No. | Packaging |
|-------------|----------|--------------|
| 4 m x 3 m | 02202070 | 10 items/box |
| 4 m x 6 m | 02202069 | 5 items/box |
| 4 m x 8 m | 02202068 | 4 items/box |
| 6 m x 8 m | 02204354 | 2 items/box |
| 6 m x 10 m | 02204359 | 2 items/box |
| 8 m x 10 m | 02202473 | 2 items/box |
| 10 m x 12 m | 02202472 | 1 item/box |

Covers, tarpaulins, scaffolding tarpaulins/nets

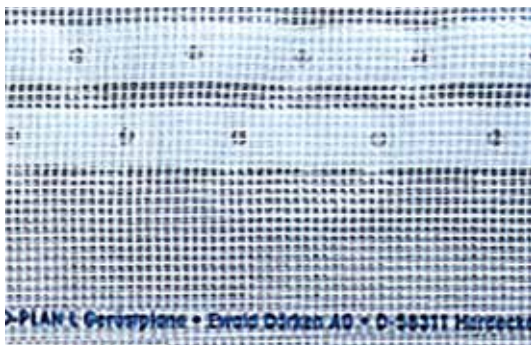


DELTA®-FOL L

Construction foil for emergency glazing, as a cover and tarpaulin.

Tensile strength approx. 150 N/5 cm
Weight approx. 120 g/m²

| Roll size | Art. No. | Packaging |
|---------------|----------|-------------|
| 50 m × 1.50 m | 02201021 | Single roll |
| 50 m × 2.00 m | 02200020 | Single roll |



D-PLAN L

Scaffolding tarpaulin for quick installation. Transparent, light and tear-resistant, UV-stabilized.

Material Grid reinforced PE sheet
Tensile strength approx. 750 N/5 cm
Weight approx. 200 g/m²

| Roll size | Art. No. | Packaging |
|---------------|----------|-------------|
| 20 m × 2.70 m | 02207747 | Single roll |
| 20 m × 3.20 m | 02207748 | Single roll |



DELTA®-TEX GERÜSTNETZ

Scaffolding safety tarpaulin for all wooden and steel scaffolds with a working width of 2.50 m and/or 2.57 m or 3.00 m and/or 3.07 m.

Material Fabric of PP-tape textile with 3 compressed eyelet tapes, UV-stabilised.
Tensile strength approx. 550 N/5 cm
Weight approx. 90 g/m²
Mesh size 2 mm × 5 mm

| Roll size | Art. No. | Packaging |
|---------------|----------|-------------|
| 20 m × 2.60 m | 02200568 | Single roll |
| 20 m × 3.20 m | 02200570 | Single roll |

Tarpaulin accessories



DELTA®-KNEBELBINDER

Tarpaulin accessory for the easy attachment of DELTA®-TEX GERÜSTNETZE to the scaffolding. Also suitable for tarpaulins.

Material Polyamide
Length 255 mm

| Art. No. | Packaging |
|----------|---------------|
| 02200361 | 50 pieces/box |



DELTA®-VERBINDER

Tarpaulin accessory with which the DELTA®-PLANEN and DELTA®-TEX GERÜSTNETZE can be connected to each other.

| Art. No. | Packaging |
|----------|---------------|
| 02200444 | 50 pieces/box |

Garden sheets and fleeces



DELTA®-FOL SUV

Garden sheet for covering greenhouses, cold frames, and hotbed tunnels. 5 years warranty.

| | |
|------------------|--|
| Material | Mesh-reinforced PE film with anti-dew effect, UV-stabilized. |
| Tensile strength | approx. 300 N/5 cm |
| Weight | approx. 280 g/m ² |

| Edge | Roll size | Art. No. | Packaging |
|-------------------|---------------|----------|-------------|
| With nail edge | 50 m × 1.50 m | 02207956 | Single roll |
| With nail edge | 50 m × 2.00 m | 02207957 | Single roll |
| With nail edge | 25 m × 3.00 m | 02207958 | Single roll |
| With nail edge | 25 m × 4.00 m | 02207959 | Single roll |
| Without nail edge | 50 m × 1.50 m | 02207954 | Single roll |
| Without nail edge | 50 m × 2.00 m | 02207955 | Single roll |



DELTA®-LANDSCHAFTSVLIES

Separation and filter fleece in gardening and landscaping.

| | |
|----------|---|
| Material | PP-filaments, thermally bonded, light grey. |
| Weight | approx. 100 g/m ² |

| Roll size | Art. No. | Packaging |
|---------------|----------|-------------|
| 50 m × 2.00 m | 02200630 | Single roll |



DELTA®-BIOTOPVLIES

Perforation protection for pond liners or filter fleece. As a green roof system component. (Filter protection for drainage and water storage).

| | |
|----------|------------------------------|
| Material | PET cloth, grey. |
| Weight | approx. 115 g/m ² |

| Roll size | Art. No. | Packaging |
|---------------|----------|-------------|
| 25 m × 1.50 m | 02200734 | Single roll |

Sales promotion at POS



1 DELTA®-DACHMODUL-STÄNDER (DELTA®-ROOF MODULE STAND)

| Size | | | Art. No. |
|----------------------|-----------------------|---------------------|----------|
| approx. 170 cm width | approx. 200 cm height | approx. 80 cm depth | 02202319 |

2 DELTA®-KLEBPROGRAMM-STÄNDER (DELTA®-ADHESIVE PROGRAM STAND)

| Size | | | Art. No. |
|---------------------|-----------------------|---------------------|----------|
| approx. 40 cm width | approx. 180 cm height | approx. 43 cm depth | 02202757 |

3 DELTA®-DACHCOLOR-STÄNDER (DELTA®-DACHCOLOR STAND)

| Size | | | Art. No. |
|---------------------|-----------------------|---------------------|----------|
| approx. 80 cm width | approx. 200 cm height | approx. 70 cm depth | 02203119 |

4 DELTA®-DACHPLANEN-STÄNDER (DELTA®-ROOF COVERS AND TARPAULINS STAND)

| Size | | | Art. No. |
|---------------------|-----------------------|---------------------|----------|
| approx. 63 cm width | approx. 210 cm height | approx. 60 cm depth | 02202756 |

5 DELTA®-PLANEN-STÄNDER (DELTA®-COVERS AND TARPAULINS STAND)

| Size | | | Art. No. |
|---------------------|-----------------------|---------------------|----------|
| approx. 85 cm width | approx. 215 cm height | approx. 80 cm depth | 02201776 |

Sales promotion at POS



6 DELTA®-MINI-PLANEN-STÄNDER (DELTA®-COVERS AND TARPAILINS MINI STAND)

| Size | | | Art. No. |
|---------------------|-----------------------|---------------------|----------|
| approx. 54 cm width | approx. 222 cm height | approx. 75 cm depth | 02202264 |

7 DELTA®-FOLIENCENTER (DELTA®-SHEET CENTER)

| Size | | | Art. No. |
|----------------------|-----------------------|---------------------|----------|
| approx. 240 cm width | approx. 195 cm height | approx. 80 cm depth | |
| Basic | | | 02207829 |
| Bar set | | | 02207828 |

8 DELTA®-SCHNEIDE-STÄNDER (SALE STAND FOR DELTA®-FOL SUV)

| Size | | Art. No. |
|-----------------------|----------------------------------|----------|
| approx. 260 cm height | Floor area approx. 90 cm × 90 cm | |
| Basic | | 02207826 |
| Bar set | | 02207827 |

9 DELTA®-NOPPENBAHNEN-STÄNDER (DELTA®-DIMPLED SHEET STAND)

| Size | | | Art. No. |
|---------------------|-----------------------|---------------------|----------|
| approx. 54 cm width | approx. 100 cm height | approx. 55 cm depth | 02201164 |

General Terms and Conditions

§1 Abstract, scope of application

1. The following General Terms and Conditions only apply if the purchaser is a business person (§14 BGB (German Civil Code)), a legal entity pursuant to public law or a fund under public law. It does not apply to consumers.
2. Our General Terms and Conditions apply exclusively. Deviating, opposing or supplemental general conditions of the purchaser become a component of the agreement only and to the extent as we have explicitly agreed to their validity in writing. This requirement for consent applies in any case, for example also if we have executed the delivery to the purchaser without reservation being aware of the purchaser's general terms and conditions.
3. Individual agreements with the purchaser concluded in isolated cases (including subsidiary agreements, supplements or changes) outrank these General Terms and Conditions in any event. A written contract or our written confirmation are decisive for the content of such agreements.
4. Legally relevant declarations and notifications to be issued to us by the purchaser after the formation of a contract (e.g. deadlines, notices of defect, declarations of withdrawal or reductions) require the written form to be effective.

§2 Conclusion of contract

1. Our offers are subject to change and non-binding. This also applies if we have provided the purchaser with catalogues, technical documentation, other product descriptions or documentation – also in electronic form – to which we retain proprietary rights and copyrights.
2. The ordering of the goods by the purchaser constitutes a binding offer of contract. Unless specified differently in the order we are entitled to accept this offer of contract within 2 weeks from receipt by us. The acceptance may be declared in writing (e.g. by order confirmation) or through delivery of the goods to the purchaser.

§3 Prices

1. Unless otherwise agreed in writing, our prices are ex works and principally apply plus VAT legally applicable at the date of delivery. Any customs fees, levies, taxes and other public dues are borne by the purchaser.
2. The calculations are based on weights, number of items and quantities determined by us unless the purchaser immediately objects, however no later than within 14 days.
3. Price changes are permissible if the period between conclusion of the contract and agreed time of delivery exceeds six weeks. If wages, raw material prices, other material costs, customs fees, taxes or other levies such as freight increase subsequently up to the time of delivery or if these are newly introduced, we are entitled to increase the price in accordance with the increased costs. The purchaser is only entitled to withdraw from the agreement if the price increase significantly exceeds the increase of general living expenses between ordering and delivery.

§4 Consultation pertaining to the application

1. We provide consultation pertaining to the application at the best of our knowledge. All specifications and information regarding suitability and application of our goods do not exempt the purchaser from own inspections and trials regarding the suitability of the products for the intended procedures and purposes.
2. The contractually agreed quality of the goods is determined by the respective performance descriptions of our goods. Nonetheless, such declarations regarding the quality do not imply an independent declaration of warranty. The assumption of warranty always requires our explicit written declaration of assumption.

§5 Delivery

1. Unless otherwise agreed in writing, delivery occurs ex our factory or our distribution centre.
2. In the event of an agreed pick-up the risk of accidental destruction and accidental deterioration of delivery items is transferred to the purchaser upon notification of provision. For the remainder the risk is transferred to the purchaser at the moment the goods are handed over by us to the freight forwarder. Type of dispatch and dispatch route are chosen by us. Additional costs based on deviating requests by the purchaser are borne by the purchaser.
3. Partial deliveries reasonable for the purchaser are permissible.
4. Significant, unforeseeable disruptions of operation, exceeding of delivery deadlines or failed deliveries from our suppliers as well as those not caused by us, disruptions of operation due to lack of raw material, energy or staff, strikes, lockouts, difficulties in acquiring transportation, traffic interruptions, force majeure and acts of God for us and our sub-suppliers extend the delivery time by the duration of the impediment if they are relevant for the delivery of the goods. We shall inform the purchaser regarding the commencement and end of such impediments without undue delay. If such events delay the delivery by more than one month, the purchaser as well as we shall be entitled to withdraw from the agreement with respect to the affected amounts, excluding compensation claims. Our statutory rights of withdrawal and termination as well as the statutory regulations regarding the processing of the agreement under exclusion of obligation to perform (e.g. impossibility or unfeasibility of performance and/or subsequent fulfilment) remain unaffected. Also the purchaser's rights of withdrawal and termination according to §9 of these General Terms and Conditions remain unaffected.

5. If the delivery occurs in leased containers, they have to be returned within 90 days from receipt of the delivery completely empty and carriage paid. The purchaser is liable for the loss and damage of leased packaging until the packaging has been returned to the supplier if he is responsible for the loss or damage. Leased packaging may not be used for other purposes or for the storage of other products. They are merely intended for the transport of the delivered goods. Labelling may not be removed.
6. We shall not accept the return of disposable packaging; instead, we shall nominate a third party to the purchaser who recycles the packaging in accordance with the Packaging Ordinance.

§6 Payment, default

1. The purchase price and the remuneration for ancillary services are immediately due upon delivery unless otherwise agreed to in writing. If we are entitled to partial performances they may also be asserted by interim invoices within a uniform supply agreement and shall become due and payable.
2. Agreed terms of payment apply from the moment of provision of the goods and/or from the supply of goods and regardless of the purchaser's receipt of the invoice.
3. Payment instructions, cheques and bills of exchange are only accepted on account of performance. The acceptance of bills of exchange always requires our prior written approval. In case of acceptance of bills of exchange the discount and collection costs of the bank are calculated. These are due and payable immediately.
4. Discount is principally excluded. If otherwise agreed, discounts are generally only permissible if there are no outstanding payments relating to the entire business relationship.
5. We are entitled to attribute payments first to old debts of the purchaser.
6. The purchaser is only entitled to offsetting or right of retention if his claim is final and absolute or uncontested.
7. We are entitled to supply the goods and/or provide the service only upon payment by the purchaser if the purchaser has not complied with agreed payment conditions from earlier services or in case of still outstanding payments or if the purchaser's solvency is questionable.
8. Fulfilment occurs only upon receipt of the payment in our account.
9. The purchaser is in default if he does not pay at a date stipulated in the agreement or upon our reminder, which is issued only following the due date for payment of the purchase price. The statutory regulation, whereby the debtor is automatically in default after thirty days from the due date and receipt of an invoice or equal payment schedule, remains unaffected.
10. Default interest in the amount of 8 % above the respective base interest rate according is payable. The assertion of further damages remains unaffected.
11. The non-payment of due invoices or other circumstances indicating a significant deterioration of the purchaser's financial situation (e.g. application to commence insolvency proceedings) entitle us to demand immediate payment of all our claims from the ongoing business relationship with the purchaser. According to the statutory regulations pertaining to refusal of performance and after stipulating a deadline – if required – we are furthermore entitled to withdraw from the agreement (§321 BGB (German Civil Code)).

§7 Reservation of title

1. We reserve ownership to the sold goods up to the complete payment of all our current and future claims from the purchase agreement and the ongoing business relationship (secured claims). The reservation of title also applies if individual claims are included in current accounts and the balance has been drawn and accepted. Purchase price claims remain unsettled despite payment as long as a reciprocal liability assumed by us in this context – such as in the context of a cheque-exchange-process – continues to exist.
2. The goods under reservation of title may not be mortgaged or pledged as security to third parties until complete payment of the secured claim. The purchaser is obligated to notify us of any access to our goods by third parties in writing without undue delay. The purchaser is obligated to provide us with any information and documentation required to preserve our rights. The bailiff and/or a third party is to be notified of our property. Any warehouse keeper has to be notified of our property rights prior to storing our goods.
3. The purchaser performs any processing or intermingling on our behalf without generating any liability for us. In the event of processing or intermingling with other items not owned by us the purchaser now transfers to us the co-ownership to the new item as security in the ratio of the value of the reserved goods to the other processed goods under the proviso that the purchaser stores the new item on our behalf.
4. The purchaser is entitled to dispose of the products in the course of proper business as long as he complies with his obligations from his business relationship with us on time.
5. The purchaser now assigns to us any claims from the sale of goods to which we have right of title as security to the extent of our share in the sold goods. If the purchaser connects or intermingles the supplied goods against payment with a main item of a third party, he now assigns to us his remuneration claims against the third party as security up to the amount of the invoice value of the supplied goods. We accept these assignments.

General Terms and Conditions

6. Upon our demand the purchaser has to provide us with all necessary information regarding the inventory of the goods in our possession and the claims assigned to us as well as inform his purchasers of the assignation.
7. The purchaser is obligated to diligently store the reserved goods and to insure them against loss and damage at his expense. He hereby assigns his claims from the insurance policies to us in advance. We accept this assignation.
8. If the realisable value of the sureties exceeds our claims by more than 10%, we shall release securities at the request of the purchaser at our discretion.
9. The purchaser's right regarding the disposal of the products owned by us as well as the collection of the claims assigned to us expires as soon as he ceases payment and/or becomes insolvent. If these circumstances occur we are entitled to demand the immediate surrender of all products under reservation of title excluding the right of retention of the purchaser without giving a period of grace or exercise withdrawal.
10. If the reservation of title is not effective according to the laws of the country where the supplied goods are stored, the purchaser has to provide security of equal value at our request. If he does not comply with this demand, we are entitled to demand the immediate payment of all pending invoices without consideration of agreed payment terms.

§8 Warranty claims of the purchaser

1. The purchaser is obligated to check the goods for defects immediately upon receipt.
2. Obvious defects have to be reported immediately in writing, however within 14 days from receipt of the goods. Hidden defects have to be reported immediately, however within 14 days from their discovery. The notification has to occur in writing and has to stipulate the type and extent of the defect in detail. Our liability for the undisclosed defect is excluded if the purchaser omits the proper examination and/or notice of defect.
3. The purchaser using, utilising or processing the defect goods is considered to be the acceptance of the goods and the final waiver of the purchaser's right to assert any claims of defect or other claims.
4. In case of properly asserted and justified notices of defect we are entitled to subsequent fulfilment through remedy of defect or replacement delivery at our discretion. Our right to refuse the chosen type of subsequent fulfilment under legal prerequisites remains unaffected.
5. In the event of a defect we are responsible for the costs required for the verification and subsequent fulfilment (particularly transport, shipping, labour and material costs) unless they increase because the goods were shipped to a location other than that of the place of fulfilment. However, if the purchaser's demand for remedy of defect is apparently unjustified, we are entitled to demand repayment of the incurred costs from the purchaser.
6. If the subsequent fulfilment fails twice or if an appropriate period of notice provided by the purchaser has elapsed without success, the purchaser may withdraw from the purchase agreement or reduce the purchase price. However, the right to withdraw does not exist in case of an insignificant defect.
7. In the event of recourse (Äo 478 BGB (German Civil Code)) we are entitled to refuse the purchaser's right of recourse except for claims of new delivery of the goods and reimbursement for expenses, if we grant the purchaser equal compensation for the exclusion of his rights. Compensation claims of the purchaser are excluded without the necessity of granting compensation.
8. Compensation claims of the purchaser and/or replacement of futile expenses are only applicable according to §9 and are excluded for the remainder.

§9 Other liability

1. We are liable for compensation in case of intent and gross negligence – regardless of the legal grounds. In case of slight negligence we are only liable
 - a) for damages resulting from the violation of life, body or health,
 - b) for damages resulting from the violation of essential contractual obligations (obligations the fulfilment of which allows the proper execution of the agreement and the compliance of which the contractual partner may regularly assume and is entitled to assume); however, in this case our liability is limited to the replacement of the foreseeable and typical damage.
2. The liability limitation arising from paragraph 1 does not apply if we have maliciously omitted to disclose a defect or if we have provided a warranty for the quality of the goods. This also applies for claims of the purchaser according to the Product Liability Act.
3. The purchaser is only entitled to withdraw from or terminate the agreement based on a violation of obligation not related to a defect if we are responsible for the violation of obligation.

§10 Statute of limitation

1. By derogation from §438 (1) No. 3 BGB (German Civil Code) the general period of limitation for claims based on material defects and defect of title is one year from receipt of the goods by the purchaser.
2. However, if the goods are items which were utilised for a building according to their usual type of usage and which have caused the defect of the building (building material), the period of limitation is 5 years from delivery according to statutory regulation (§438 (1) No. 2 BGB (German Civil Code)).

3. The above periods of limitation of the sales convention also apply for contractual and extra-contractual compensation claims of the purchaser which are based on a defect of the goods, unless the application of the regular statutory period of limitation (§195, 199 BGB (German Civil Code)) would result in a shorter period of limitation in individual cases. The periods of limitation of the Product Liability Act remain unaffected. Apart from that the statutory periods of limitation apply exclusively for compensation claims of the purchaser according to §9.

§11 Place of fulfilment, place of jurisdiction and other

1. Place of fulfilment for all obligations from the business relationship or the individual agreement is our respective place of dispatch, for payment our registered office.
2. Exclusive place of jurisdiction for all disputes arising directly or indirectly from this contractual relationship is our registered office or the general place of jurisdiction of the purchaser at our discretion. This also applies for disputes in certificate, exchange or cheque processes.
3. The laws of the Federal Republic of Germany apply exclusively for the contractual relationship with our customers. The applicability of the United Nations Convention on Contracts for the International Sale of Goods (CISG) of 11 April 1980 is excluded.
4. The purchaser's data is stored and processed by us to the extent necessary for the proper processing of the contractual relationship.

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