DELTA®-PT

Converts damp cellars into habitable rooms.

Ventilated dimpled membrane incorporating a bonded mesh. Guaranteed against degradation for 25 years.
Want a refurbishing robust foundation for plaster and render coats? DELTA®-PT for refurbishing and insulating damp cellar walls!

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Damp walls are often impossible to dry out. In these cases, applying a waterproof dimpled sheet system will transform damp cellars into habitable rooms. DELTA®-PT isolates defective and damp and salt affected walls from the inside. The system forms a reliable and durable support for new plaster and/or render coats, ensuring long term protection from penetration damp in cellars.

DELTA®-Accessories
DELTA®-PT-PROFIL, an edge sealing strip with integrated ventilation slits, DELTA®-MS KNOPF, and DELTA®-MS DÜBEL are ideal for installing DELTA®-PT.
DELTA®-PT Fixing plugs designed specifically for Supporting DELTA®-PT and subsequent fixings.
DELTA® Rope sealer designed to seal DELTA®-PT Fixing plugs.
DELTA® Mastic designed for overlap joints and internal and external corner profiles.

DELTA® quality branded products made by Dörken.

Improve your cellar:

DELTA®-PT
Waterproof. Temperature-resist

- Moisture is controlled and ventilated.
- 8-mm dimples provide a continuous air gap.
- Has the ability to accept plasterboards when using The DELTA®-PT Plug.
- Thermally welded twist-woven HDPE-mesh plaster base.
- DELTA®-PT-PROFIL with integrated ventilation slits.
DELTA®-PT forms a waterproof, reliable support for plaster and render coats or plasterboard panels.

**Important Handling Information.**

For normal plaster coats …
… DELTA®-PT is a system for refurbishing damp walls. It should not be installed where hydrostatic pressure exists unless used as a drained cavity with floor system perimeter drainage and a collection/evacuation system.

For render coats …
… DELTA®-PT safely insulates cellar walls. Make sure that any coats applied are low-tension. Where relatively large areas need to be coated, fibres should be added in the outer render to avoid shrinkage cracking.

For plasterboard panels …
… DELTA®-PT forms an ideal support for drying damp masonry whilst providing permanently, dry and contamination free finishes. Unusable rooms become inhabitable space increasing property value.

Where the surface of a damp wall is extensively covered with hygroscopic salt, it is advisable to use the system as a barrier without the ventilation option. The membrane can be sealed at the wall floor junction or joined to an existing floor damp proof membrane.

'Air gap technology'.

**DELTA®-PT ...**

- ... consists of an highly impact-resistant, flexible, waterproof dimpled sheet made of special high-density polyethylene incorporated with a bonded twist-woven HDPE-mesh to provide efficient plaster or render support.

- ... is extremely reliable, with mesh welded to the dimpled sheet to prevent delaminating.

- ... forms a waterproof, robust providing reliable support for plasters and render coats or, plasterboard panels.

- ...has an excellent temperature range from -30 degrees to +80 degrees C.

- ... is not affected by acids, alkaline solutions, oil, or solvents, as well as being acceptable for use in drinking water applications.

- ... creates a ventilation air gap between damp cellar walls and new plaster coats with its 8-mm dimples.

- ... is applied vertically with lateral overlaps. The system is transparent making fixing easy as good fixing points can be easily identified.

- ... is also used for water-proofing tunnels and subterranean transportation systems such as London Underground stations.

- ... is guaranteed against degradation for 25 years.
### Technical Data Overview:

- **Material**: HDPE with a twisted HDPE mesh.
- **Suitable for**: Vertical application to cellar and tunnel walls to be covered with render and plaster coats or plasterboard panels.
- **Compression resistance**: approx. 70 kN/m²
- **Tensile strength**: approx. 400 N/3cm
- **Air gap between dimples**: approx. 5.5 l/m²
- **Square weight**: approx. 530 g/m²
- **Dimple height**: approx. 8 mm
- **Sheet overlap**: approx. 20 cm
- **Roll size**: 20 m x 2 m
- **Material consumption**: DELTA®-PT – approx. 1.15 m², approx. 1 m of DELTA®-PT-PROFIL and approx. 15 DELTA®-MS DÜBEL per square metre of wall

### DELTA®-Accessories for DELTA®-PT

Dörken makes your life easier – systematically.

You are sure to appreciate these handy DELTA®-Accessories:

- **DELTA®-PT-PROFIL**: Ventilation moulding cap, for ceiling and floor installation.
- **DELTA®-MS KNOPF**: Washer which keeps the material from tearing during attachment.
- **DELTA®-MS DÜBEL**: Plastic wall plug for sheet attachment.

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### DELTA®-System …

- **... for owners:**
  "... What I get is a mature problem solution provided at a fair price by the top specialist in quality branded products!"

- **... for workers:**
  "... What I get is a complete system made by a single manufacturer that enables me to do anything to the owner’s entire satisfaction. There is no safer way!"

- **... for planners:**
  "... I can be certain that both innovative and standard products will be used in implementing my roof and cellar plans in a systematic and forward-looking way."

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- **Standard requests for tender and detailed installation instructions** for all DELTA® products may be obtained from www.doerken.de as PDF files for you to print out and save.