

# DELTA<sup>®</sup>

DELTA<sup>®</sup> protects property. Saves energy. Creates comfort.

**DÖRKEN**



## DELTA<sup>®</sup>-PT

### Converts damp cellars into habitable rooms.

Ventilated dimpled membrane incorporating a bonded mesh. Guaranteed against degradation for 25 years.



■ Refurbishment system

■ For render and plaster coats

■ For interior application

STANDARD QUALITY

**Want a refurbishing robust foundation for plaster and render coats? DELTA®-PT for refurbishing and insulating damp cellar walls!**



■ **DELTA®-PT**

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**

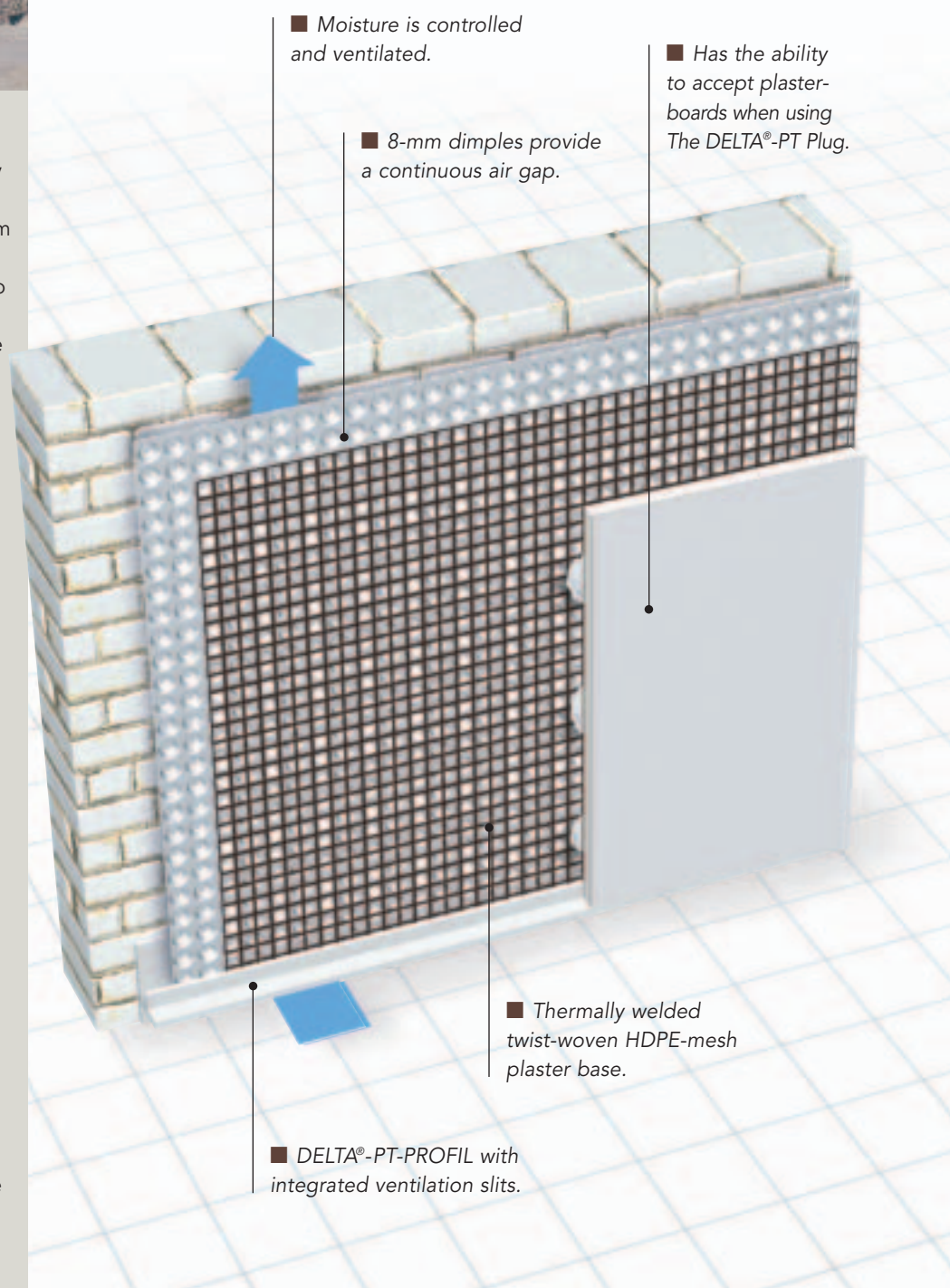
DELTA®-PT-PROFIL, an edge sealing strip with integrated ventilation slits, DELTA®-MS KNOFF, and DELTA®-MS DÜBEL are ideal for installing DELTA®-PT. DELTA®-PT Fixing plugs designed specifically for Supporting DELTA®-PT and subsequent fixings. DELTA® Rope sealer designed to seal DELTA®-PT Fixing plugs. 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-resistant







Installation is easy.

Simply lay on plaster with a trowel.

In tunnels, DELTA®-PT supports shotcrete applications.

# ant. '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.



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.

# DELTA®-PT

## 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/m <sup>2</sup>
Tensile strength	approx. 400 N/3cm
Air gap between dimples	approx. 5.5 l/m <sup>2</sup>
Square weight	approx. 530 g/m <sup>2</sup>
Dimple height	approx. 8 mm
Sheet overlap	approx. 20 cm
Roll size	20 m x 2 m
Material consumption	DELTA®-PT – approx. 1.15 m <sup>2</sup> , approx. 1 m of DELTA®-PT-PROFIL and approx. 15 DELTA®-MS DÜBEL per square metre of wall

# DELTA®-Accessories for DELTA®-PT.

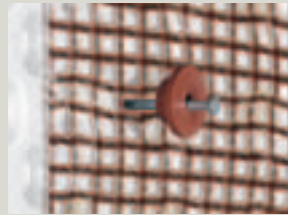
Dörken makes your life easier – systematically.

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



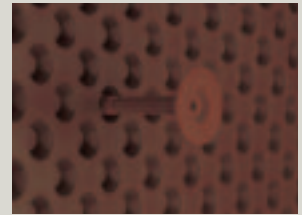
### DELTA®-PT-PROFIL

Ventilation moulding cap, for ceiling and floor installation.



### DELTA®-MS KNOFF

Washer which keeps the material from tearing during attachment.



### DELTA®-MS DÜBEL

Plastic wall plug for sheet attachment.

# DELTA®

### 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."



Dörken GmbH & Co. KG  
Wetterstraße 58  
D-58313 Herdecke  
Tel.: +49 23 30/63-0  
Fax: +49 23 30/63-355  
bvf@doerken.de  
www.doerken.de

A company of the Dörken Group.

■ Standard requests for tender and detailed installation instructions for all DELTA® products may be obtained from [www.doerken.de](http://www.doerken.de) as PDF files for you to print out and save.