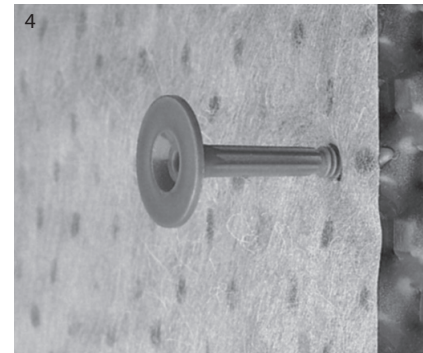
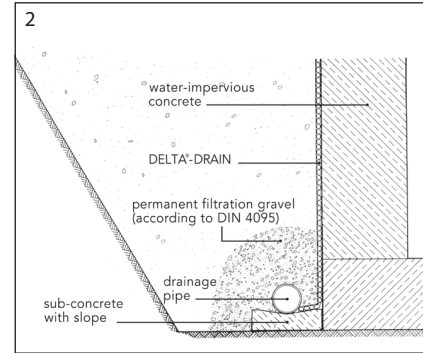
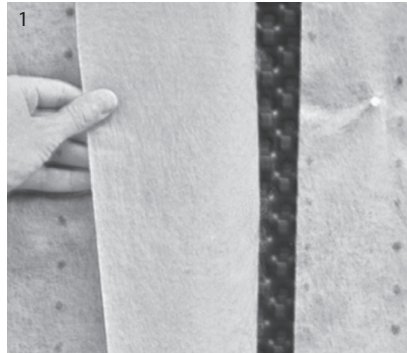


# DELTA®-DRAIN

## Installation Instructions

- 1. Install the dimpled sheet and the geotextile so that they overlap at the edges, holding them in place with DELTA®-HAFTNAGEL. The geotextile should always point outwards, i.e. towards the back-fill side. Remember that the only function of DELTA®-HAFTNAGEL is to assist installation (in the overlap area, for instance), and that they cannot replace the mechanical fasteners applied from the outside.
- 2. Sheets fitted to cellar and retaining walls should not be placed over the drainage pipe but should terminate in the drainrock close to the pipe.
- 3. Sheets may be nailed down with clout nails, clamped down with wood or plaster hooks, or fastened with a bolt gun.
- 4. We recommend DELTA®-MS DÜBEL for fastening dimpled sheets to some hard material such as concrete or brick masonry: simply drill an 8-mm hole and hammer home the plug.
- 5. The upper sheeting edge should always be protected by DELTA®-NOPPENBAHNEN-PROFIL.



STANDARD QUALITY

You will find detailed installation instructions for DELTA®-DRAIN on the internet at [www.doerken.com](http://www.doerken.com) in the form of a PDF file for you to print out and save.

■ Protection and drainage system for compression-resistant surfaces

■ For earth-boundary construction elements

■ For vertical and horizontal application

**Fax: +49 2330 63 355**

Dörken GmbH & Co. KG  
 Wetterstraße 58  
 D-58313 Herdecke

## Request for Tender: DELTA®-DRAIN

Item No.	Qty.	Specifications	Price/Unit	Price Total
1	..... m <sup>2</sup>	<p>DELTA®-DRAIN (made by Dörken GmbH &amp; Co. KG, D-58311 Herdecke), combined foundation-wall protection and drainage system for earth-boundary construction elements, to be delivered and expertly installed in conformity with the manufacturer's instructions on top of the building waterproofing layer. Sheet overlaps must be adequate. DELTA®-DRAIN conforms to DIN 18 195, DIN 4095 and Eco-Standard 2209. Heat-stabilised. Stress-resistance tested according to test procedure 0414. Contains no recycled material. Made from special PE. Two-way dimple structure to form a drainage and ventilation system. Laminated with a compression-resistant permanent geotextile made of PP.</p> <p>Compression resistance           c. 90 kN/m<sup>2</sup>            Dimple height           c. 12 mm            Drainage capacity       c. 1.2 l/sec · m            Roll size                   12.5 m x 2 m</p>		
2	..... m <sup>2</sup>	100-mm perforated drainage pipe to be delivered and properly installed.		
3	..... m <sup>3</sup>	B 32 grain size gravel to be delivered and filled in as a drainrock bed.		
4	..... lfm	DELTA®-NOPPENBAHNEN-PROFIL to be delivered and installed to protect the upper edge of the sheeting after backfilling.		

STANDARD QUALITY