



## 7.5MM NODULAR SHEET WITH GEOTEXTILE FLEECE FOR VERTICAL DRAINAGE



Easy  
installation



Permanent  
drainage layer



Robust solution



Excellent protection  
properties



DIT  
Certification

DANODREN® H PLUS is a brown 7.5mm nodular sheet of high density polyethylene (HDPE) with a pre-bonded polypropylene nonwoven geotextile for protection and vertical drainage.

### ADVANTAGES

- Simple, easy and fast installation.
- High resistant to damage, impact and deformity.
- Provides a permanent drainage solution.
- Provides protection for the waterproofing system against puncture caused by the land filling.
- Unalterable against chemical agents in the soil.
- Rot proof.
- Protects the wall from moisture and allows drainage of water, limiting its hydrostatic pressure.
- The geotextile fused to the nodules, absorbs and filters the water from the land, preventing the clogging of the system.

### USES

- Drainage and protection of screeds on the ground, when there is no hydrostatic pressure or the hearth is above of the phreatic level.
- Drainage and protection of the waterproofing of walls buried in building and civil works, like false tunnels and underpasses.



## METHOD OF APPLICATION

- Clean the support.
- The sheets should be overlapped 12 cm taking off 7 cm of the geotextile
- Finishing corners and edges is done by folding the sheet.
- In vertical drainage applications, the upper part is anchored with the DANODREN® metal profile, and mechanically fixed 10 cm above the waterproofing sheet.
- The sheet is fixed every 50 cm along the length and width of the overlap with DANODREN® fixings.

### Walls

- It is placed on top of the waterproofing sheet.
- DANODREN® H is installed with the nodules facing towards the support.

### Sills

- If there is no hydrostatic pressure or the hearth is above the water table, the rolls extend with the nodules against the ground.

### Inverted roofs with continuous pavement

- The rolls extend over the thermal insulation with the nodules facing downwards.

## RECOMENDATIONS & STORAGE

- Its use does not replace the waterproofing sheet in any case.
- The specific fixings must be used with DANODREN® H.
- The specific metallic profile must be used with DANODREN® H.
- The product is not toxic or flammable.
- Store in a dry place, protected from rain, sun and high and low temperatures.

## PRODUCT RANGE

Product name	Rolls/pallet	Resistance to compression (kN/m <sup>2</sup> )	Flow capacity horiz. plane (m <sup>2</sup> /s)
<b>DANODREN® H15</b> 2,10 x 15 m	6	180±20%	0,002 - 0,0002
<b>DANODREN® H25</b> 2,10 x 20 m		350±20%	

## ANCILLARY PRODUCTS

Description	Presentation
Fixings DANODREN®	Bag of 200 fixings
Fixings auto-adhesive DANODREN®	Bag of 500 fixings
Metallic profile DANODREN®	2000 x 75 x 0,6 mm

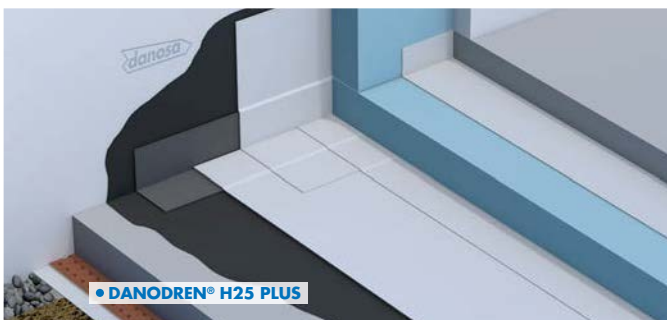
## COMPATIBLE SOLUTIONS



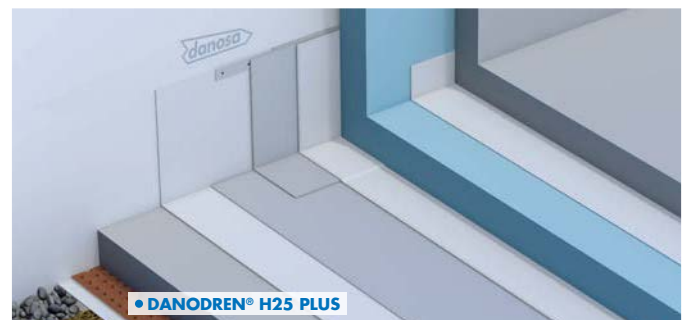
Flexible walls with (SBS) waterproofing.



Flexible walls with PVC waterproofing



Sills on top of compacted soil with (SBS) waterproofing



Sills on top of compacted soil PVC waterproofing

