

Drain and protection sheet for horizontal and vertical sealing

With official proof certificate

Characteristics

IMBERAL® Multidrain 89V is a polystyrene (HIPS) bobbed sheet with reverse sided pressure distributing film laminated with a pressure stable nonwoven filter medium.

IMBERAL® Multidrain 89V retains its dimensional stability and drainage capacity for many years.

- Rotproof
- Versatile
- Chemical resistant
- Proof against roots
- Pressure resistant

Use

IMBERAL® Multidrain 89V for protection and for drainage of building structures in direct contact with the ground, which have been treated with thick bitumen coatings or other forms of dampproofing. According to DIN 18533.

Used as a protective drainage mat under screed and concrete.

Applications:

- Interior and exterior
- Cellars
- Underground car parks
- Patios and balconies
- Foundations
- Vertical surfaces
- Horizontal surfaces

Specifications

Roll	25 m ² roll = 2.0 x 12.5 m 25 m ² roll = 1.25 x 20 m
Bobbed sheet material	Polystyrene (HIPS)
Colour	Black
Filter medium	Polypropylene
Pressure distributing film	
Material	Polypropylene
Bobble height	6 mm
Bobble shape	round
Compressive strength	300 kN/mm ²
Drainage capacity	
0 kN/mm ² – 0 m	2.3 l/(m/s)
10 kN/mm ² – 1 m	2.1 l/(m/s)
20 kN/mm ² – 2 m	1.9 l/(m/s)
30 kN/mm ² – 3 m	1.8 l/(m/s)
50 kN/mm ² – 5 m	1.7 l/(m/s)
Temperature resistance	-30°C to +80°C
Storage	dry, 24 months

Quantity required

1 m²/ m²

Preparation of the surface

Thick bitumen coatings, mineral sealing slurries or other dampproofing products must be dry and completely hardened.

Application

1. Cut the **IMBERAL® Multidrain 89V** from the roll to the exact dimensions and fix with collar dowels or similar. Secure and protect the top edge of sheet.
2. Always push the next length of sheet under the edge of the nonwoven medium when overlapping.
3. Cut into the outer edge of the filter medium and seal the open sheet edges with adhesive tape. For inside corners the **IMBERAL® Multidrain 89V** only needs to be folded.
4. At the bottom, the sheet should end right up against the drain pipe in the gravel packing
5. Cut out shape with a cutting knife as required to fit round cellar shafts.
6. After completing the work, secure and protect the edges of the **IMBERAL® Multidrain 89V** sheets.
7. With the foundation trench still open during building work, weigh down the drainage sheet in the bottom area with drainage gravel.

hahne system products

hahne building waterproofings

Important notes

- **IMBERAL® Multidrain 89V** is groundwater neutral
- Drainage according to DIN 4095.
- **IMBERAL® Multidrain 89V** must as a rule be retained mechanically

Ingredients

Polystyrene, polypropylene

Safety provisions/recommendations

No special measures necessary

Disposal

The local waste removal regulations must be observed.

Manufacturer

Sievert Baustoffe GmbH & Co. KG
Mühlenschweg 6, 49090 Osnabrück
Tel. +49 2363 5663-0, Fax +49 2363 5663-90
hahne-bautenschutz.de, info-hahne@sievert.de

This information is based on extensive tests and practical experience. However, it cannot be applied to every type of application. If in doubt, we recommend that you test the product before using it. Due to continuous product improvement, this information is subject to change without notice. Our General Terms and Conditions apply. Version as of 7.2021