

IMBERAL® Multidrain 89V

Drain and protective sheet for horizontal and vertical waterproofing



These pictograms apply to the **basic product**.
Deviations are possible depending on the area of application and processing.

PRODUCT INFORMATION

Description

IMBERAL® Multidrain 89V is a dimpled sheet made of polystyrene (HIPS) with a pressure-distributing film on the back and a laminated, pressure-resistant filter fleece. The product retains its dimensional stability and drainage capacity for many years.

Application

- for the protection and drainage of structures in contact with the ground that are provided with thick bituminous coatings or other waterproofing materials
- as a protective and drainage mat under screed and concrete

Operational area

- Underground garages
- Balconies, terraces
- cellars
- Foundations

Place of use

- for outdoor and indoor areas
- horizontal and vertical surfaces

Properties

- rot-proof
- versatile use
- chemical resistant
- root-resistant
- pressure-resistant

Technical Data

Available container sizes	25 m ² /roll
Roll width	125 cm
Colour	black
Dimples	Height: 6 mm, shape: round
Compressive strength	approx. 300 kN/m ²
Temperature resistance	-30 °C to +80 °C
Drainage capacity	approx. 2.3 l(sm) (0 kN/n ² – 0 m), approx. 1.7 l(sm) (50 kN/n ² – 5 m)
Storage	dry, 24 months
Consumption	approx. 1 m ² /m ²

SUBSTRATE

Properties/tests

- Bituminous thick coatings, mineral sealing slurries or other sealants must be dry and fully cured.

AREAS OF APPLICATION AND PROCESSING

Applying

- Cut IMBERAL Multidrain 89V from the roll to the exact size and fasten mechanically with plate anchors or similar. Store the top sheet edge.
- The connecting sheet is always pushed under the fleece edge for overlapping.
- For outer edges, cut into the fleece lamination and tape over the cut surfaces with adhesive tape. For interior ceilings, IMBERAL Multidrain 89V only needs to be pre-folded.
- At the bottom, the sheet should end close to the drainage pipe in the gravel pack.
- For cable/pipe ducts or cellar shafts, simply cut to size with a cutter knife.
- After completion of the work, store the edges of the IMBERAL Multidrain 89V sheets.
- If the excavation pit is still open during the construction period, weigh down the drainage path in the lower area with drainage gravel.

NOTES

System products

- hahne construction waterproofing

To be observed

- IMBERAL Multidrain 89V is groundwater neutral.
- Drainage in accordance with DIN 4095.
- IMBERAL Multidrain 89V must always be mechanically fixed.

Ingredients

- Material of the dimpled sheet: Polystyrene (HIPS)
- Material of the filter fleece and foil: polypropylene

Occupational safety / Recommendation

- No special measures required.

Disposal

- Material residues can be disposed of in accordance with EWC code no. 17 02 03 (plastic).



■ **Producer**

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The statements are made based on extensive tests and practical experiences. They cannot be applied to every application case. Therefore, we recommend carrying out application trials if necessary. Subject to technical changes in the course of further development. Furthermore, our General Terms and Conditions of Business apply.