



Dehumidification systems, water repellent treatments, thermo-acoustic insulation, waterproofing



Certified Quality System since **FEBRUARY 1993**

From Project to Jobsite

WAM 101 hd (high density)

WATERPROOFING OF CONSTRUCTION JOINTS WITH A SPECIAL WATERSTOP WITH HIGH DENSITY AND REACTIVITY

Description WAM 101 HD is a waterstop based on natural sodium bentonite and butyl rubber with very high density, reactivity and swelling properties to seal construction joints.

Advantages and characteristics

- WAM 101 HD is super compressed by to double extrusion
- Super reactive in contact with water
- Swells up to 800 % of the initial volume.
- Easy to apply: only required is a clean and homogeneous substrate, and view the particular density and consistency, nailing only every 30 cm.
- The use of the net REWAM is advised to protect the profile when it is exposed to exceptional stress during pouring of the concrete.

Indicated use For all construction joints and where could be poured a minimum of 8 cm concrete covering, and when it is required a very fast swelling in contact with water.

Method of use

- Clean the substrate from all dirt and incoherent parts.
- Install the WAM 101 HD in the centre of the reinforcement bars when casting the new concrete securing a confinement of 8 cm concrete on both sides. Nail maximum each 30 cm (the positioning of the reinforcement net REWAM is not required, except for the cases as mentioned above)

Remark

- Distance holders, reinforcement steel, etc. shall be installed minimum 3 cm above the waterstop and shall not be positioned between the WAM 101 HD and the concrete.
- WAM 101 HD can not be used in dilatation joints.
- For applications in areas with very high salt content, can be used WAM 101 SR.

Packaging Box of 30 linear meter (6 rolls of 5 meter). Size: 18 x 24 mm

Technical Data (typical values)

Colour	Grey opaque
Density	About 1,8 kg/l
Maximum water pressure in confined area	≥ 0,6 N/mm ² (≥ 60 m water column)
Expansion in distilled water	Up to 800 % , ≥ 100 % after few hours
Temperature of application	From -20°C to + 55 °C

Safety indications Read carefully the safety indications on the packaging, or consult the relevant Material Safety Datasheet of this product.

The above data are based on our actual and most experienced practical and laboratory knowledge and the results are collected from application of the product in different situations. Tecnochem Italiana does not assume any responsibility regarding inadequate or negative performance as a result of improper use of the product or for defects deriving from factors or elements other than the quality of the product including improper storage. The technical characteristics and performance mentioned in this datasheet are updated periodically. The revision dates and number of revision of the datasheets are listed in the table below. Eventual variations are traceable on our website www.tecnochem.it where the most updated datasheets can be retrieved.

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