



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



Certified Quality System since **FEBRUARY 1993**

From Project to Jobsite

WAM 101

WATERPROOFING CONSTRUCTION JOINT

Description WAM 101 is a waterstop based on natural sodium bentonite and butyl rubber having hydro-expansive characteristics.

- Advantages and characteristics**
- WAM 101 is easy to apply, only a clean and sound substrate is required and the nails and fixation net rewam as auxiliary tools.
 - Not necessary to weld together, it is sufficient to draw near the ends.
 - No need for particular accommodation, specific formwork shapes or incorporation in the fresh concrete.
 - Seals against water penetration in a deformable way and thus accommodates for minor irregularities in the substrate of poured concrete, due to the exceptional expansive properties.
 - The activation of the sodium bentonite is autonomous and starts once is absorbed the water. The difference between the maximum expansion (6 times the original volume) and the effective expansion is a safety guarantee for the efficiency vs time.
 - Maximal resistance when subjected to water pressure
 - **WAM 101 is properly formulated with PLASTIC properties, so it is deformable and easily adaptable for bends around passing tubes and devices.**

Indicated use WAM 101 is used to seal concrete applications in underground construction and must be confined by minimum 8 cm concrete covering.

- Method of use**
- Clean the substrate from all dirt and incoherent parts.
 - Remove the waxy paper from the joint WAM 101.
 - Install the WAM 101 in the centre of the new concrete application, or where required, allowing a confinement of 8 cm concrete covering. Nail every 30-40 cm together with the net REWAM.

- Remark**
- Distance holders, reinforcement steel, etc shall not perforate the WAM 101, and shall be installed minimum 3 cm above the waterstop.
 - WAM 101 can not be used in dilatation joints.
 - Consult our Technical department for the suitability of the product for applications in contact with contaminated or saline water.

Packaging Box of 75,6 linear meter (12 roll of 6,3 linear meter) size 11x 11 mm.
Box of 50,4 linear meter (8 roll of 6,3 linear meter) size 15 x 18 mm.
Box of 30 linear meter (6 rolls of 5 linear meter) size 20 x 25 mm.

Technical Data (typical values)	• Colour	black
	• Density	ca. 1,5 kg./l.
	• Maximum hydraulic pressure in perfect confinement	$\geq 2,0 \text{ N/mm}^2$ ($\geq 200 \text{ m}$ of hydrostatic head)
	• Expansion in distilled water > 7 days	> 400%
		The expansion also continues after 7 days and always is more than 500% and often more than 600%.
	• Temperature of application	From -20° C to + 50 °C
	• Toxicity	Not toxic, not harmful

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

The above information is based on our best experiences and lab results and on results of the application of the product in various fields. Tecnochem Italiana is not responsible for negative performances due to not proper use of the product or for defects due to elements not connected with the quality of the product included wrong storage.

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