



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



Certified Quality System since **FEBRUARY 1993**

From Project to Jobsite

WAM 101 SR (Salt Resistant)

WATERPROOFING AND SEALING CONSTRUCTION JOINT WITH A SPECIAL WATERSTOP FORMULATED FOR THE CONTACT WITH SALT WATER

Description WAM 101 SR is a waterstop based on natural sodium bentonite and butyl rubber with hydro-expansive characteristics to seal construction joints in contact with salty waters.

- Advantages and characteristics**
- WAM 101 SR swells about 250% of the initial volume in a solution containing 8% of salt.
 - WAM 101 SR is easy to apply by nailing on clean and sound substrate
 - The use of the net REWAM is advised to protect the profile when it is exposed to exceptional stress during pouring of the concrete or during the compaction.
 - Fix with nails every 30 cm.

Indicated use WAM 101 SR is used to seal concrete construction joints where is possible to guarantee an ambiguous cover of minimum 8 cm of concrete, and where in contact with salty or brackish waters.

- Method of use**
- Clean the substrate from all dirt and incoherent parts.
 - Install the WAM 101 SR in the centre of the reinforcement when casting the new concrete allowing a confinement of 8 cm concrete cover on both sides. Nail every 30 cm with the positioning net REWAM, when needed.

- Remark**
- Distance holders, reinforcement steel, etc shall not perforate the WAM 101 SR and shall be installed minimum 3 cm above the joint and shall not be positioned between the WAM 101 SR and the concrete.
 - WAM 101 SR can not be used in dilatation joints.
 - Consult our Technical department for the suitability of the product for applications in areas with high pollution concentrations.

Packaging Box of 30 linear meter (6 rolls of 5 lm/each). Size: 20 x 25 mm

Technical Data (typical values) WAM 101 SR has to be used when there is contact with brackish water. The particular structure of the mineral, special formulated bentonite guarantees also optimal expansion values when used in contact with high concentrations of salt water:

Salt solution	Expanding capacity	Resistance to water pressure in confined area
8%	250%	0.6 N/mm ² (60 m water column)
10%	210%	0.55 N/mm ² (55 m water column)
20%	160%	0.50 N/mm ² (50 m water column)
30%	130%	0.45 N/mm ² (45 m water column)

- Colour Yellow
- Density about 1,7 kg./l.
- Weight about 0,65 kg/m
- Bending resistance Up to 180°
- Temperature of application From -20 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 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. Technical characteristic in this technical data sheet are up-to-dated periodically .Revision date of this technical data sheet is indicated below

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