



ARDEX MARINE HYDROSTOP WPM 1955

Polymeric Hydrophilic Rubber Joints

Specifically designed for marine environments

Non-greasy , non-sticky, odourless and non-toxic

Excellent for applications to rough concrete surfaces

No premature expansion; allows concrete to gain strength before expansion

Easy to install by bonding, nailing or casting into joint faces with the aid of ARDEX CA20P

Solves detailing problems in construction

Excellent performance - Swelling properties unaffected by long term cyclic wetting and drying; limited loss of integrity of Waterstop.

Sustains effective seal in wet conditions.

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ARDEX WPM 1955

Marine Waterstop

PRODUCT DESCRIPTION

Due to its particular chemical composition, ARDEX Hydrostop Marine WPM 1955 hydrophilic rubber joint remains unaltered over time even at maximum expansion. It is dimensionally stable even after numerous hydration and de-hydration cycles while maintaining its ability to increase its volume.

USED IN APPLICATIONS IN BRACKISH AND MARINE WATER

In its maximum expansion, in all its sections, ARDEX Hydrostop Marine WPM 1955 hydrophilic rubber joint is mechanically strong and elastic. The swelling process is controlled and designed to be compatible with fresh concrete. The first expansion occurs after 6/12 hours, while the second expansion occurs after 24/36 hours.

COMPOSITION

ARDEX Marine Hydrostop WPM 1955 is made up of butyl rubber and aggregated polypropylene with high cohesion polymeric binders. These hydrophilic components activate in wet conditions which allows the Hydrostop to increase in volume.

APPLICATION INSTRUCTIONS

ARDEX Marine Hydrostop WPM 1955 Hydrophilic rubber joint must be applied to the support with nails or cement adhesives to remain attached to the in the early stages of concrete casting. For maximum performance ARDEX Marine Hydrostop WPM 1955 hydrophilic rubber joint, should be placed between the reinforcing bars or in a support with raised edge of at least 8/10cm. The joints are realized by matching sideways the rubber strip for at least 5cm, while avoiding overlapping.

The application surface should be clean, compact, properly vibrated and free of any irregularities.

Technical Data

Specific weight	ISO 1183	1.26kg/dm ³
Operating temperature	ISO 458/2	about +4°C
Max. expansion		350%
Hardness	ISO 868	60 shore A
Load at break	ISO 527	25 N/mm ²
Elongation at break	ISO 527	300%
Durability		unlimited
Sections	Various	

DISCLAIMER

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BENEFITS

ARDEX Marine Hydrostop WPM 1955 hydrophilic rubber joint is non-greasy, non-sticky, odourless and non-toxic. Due to its ductility it can be used in all conditions. Once the Hydrostop is secured into place no additional bonding is required and it will maintaining its seal in vertical laying as well as wet conditions.

PACKAGING

ARDEX Marine Hydrostop WPM 1955 hydrophilic rubber joint is packed in cartons with 6 rolls of 8mt long coils giving a total of 48 linea meters per carton.

Dimensions:

SEA WPM 1955 20mm x 10mm x 8mt roll

6 rolls per carton equals 48 linea meters per box.