



ARDEX HYDROSTOP WPM 1955 MARINE

Polymeric Hydrophilic Swellable 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 CA 20P

Solves detailing problems in construction

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

Maintains effective seal in wet conditions

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Polymeric Hydrophilic Swellable Rubber Joints

PRODUCT DESCRIPTION

Due to its particular chemical composition, ARDEX Hydrostop WPM 1955 Marine 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 WPM 1955 Marine 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 Hydrostop WPM 1955 Marine is designed of 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 Hydrostop WPM 1955 Marine must be applied to the support by nailing or casting into joint faces with the aid of ARDEX CA 20 P, ARDEX WA 98 Solvent Based Contact Adhesive, double-sided adhesive tape, or cement adhesives to remain attached in the early stages of concrete casting. For maximum performance ARDEX Hydrostop WPM 1955 Marine should be placed between the reinforcing bars or in a support with raised edge of at least 8-10cm. The joints are designed 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.

BENEFITS

ARDEX Hydrostop WPM 1955 Marine is non-greasy, non-sticky, odourless and non-toxic. Once the Hydrostop is secured into place, no additional bonding is required and it will maintain its seal in vertical laying as well as wet conditions.

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PACKAGING

ARDEX Hydrostop WPM 1955 Marine is packed in cartons with 6 rolls of 8m long coils giving a total of 48 linear meters per carton.

Dimensions:

20mm x 10mm x 8m roll

6 rolls per carton; 48 linear metres per box.

Technical Data

Specific gravity	ISO 1183	1.27kg/L
Operating temperature	ISO 458/2	>+3°C
Max. expansion		350%
Hardness	ISO 868	45 shore A
Load at break	ISO 527	30 MPa
Elongation at break	ISO 527	500%
Durability		unlimited

DISCLAIMER

The technical details, recommendations and other information contained in this data sheet are given in good faith and represent the best of our knowledge and experience at the time of printing. It is your responsibility to ensure that our products are used and handled correctly and in accordance with any applicable Australian Standard, our instructions and recommendations and only for the uses they are intended. We also reserve the right to update information without prior notice to you to reflect our ongoing research and development program. Country specific recommendations, depending on local standards, codes of practice, building regulations or industry guidelines, may effect specific installation recommendations. The supply of our products and services is also subject to certain terms, warranties and exclusions, which may have already been disclosed to you in prior dealings or are otherwise available to you on request. You should make yourself familiar with them.

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