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## ARDEX WATERSTOP WPM 1955

### **Polymeric Hydrophilic Swellable Rubber Joints**

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Specifically designed for fresh and 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

Solves detailing problems in construction

Excellent performance - Swelling properties unaffected by long term cyclic wetting and drying

Maintains effective seal in wet conditions

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# ARDEX WATERSTOP WPM 1955

## Polymeric Hydrophilic Swellable Rubber Joints

### PRODUCT DESCRIPTION

Due to its particular chemical composition, ARDEX 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 FRESH, BRACKISH AND MARINE WATER

In its maximum expansion, in all its sections, ARDEX WPM 1955 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 WPM 1955 is designed of rubber and aggregated polypropylene with high cohesion polymeric binders. These hydrophilic components activate in wet conditions which allows ARDEX WPM 1955 to increase in volume.

### APPLICATION INSTRUCTIONS

ARDEX WPM 1955 must be applied to the support by nailing or casting into joint faces with the aid of ARDEX CA 20 P, ARDEX RA 88 and ARDEX RA 84 to remain attached in the early stages of concrete casting. For maximum performance ARDEX WPM 1955 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 WPM 1955 is non-greasy, non-sticky, odourless and non-toxic. Once ARDEX WPM 1955 is secured into place, no additional bonding is required and it will maintain its seal in vertical laying as well as wet conditions.

### PACKAGING

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

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### DIMENSIONS:

20mm x 10mm x 8m roll

6 rolls per carton; 48 linear metres per box.

### TECHNICAL DATA

Specific weight	ISO 1183	1.27kg/dm <sup>3</sup>
Operating temperature	ISO 458/2	>+3°C
Max. expansion		200%
Hardness	ISO 868	45 shore A
Load at break	ISO 527	30 MPa
Elongation at break	ISO 527	500%
Durability		unlimited
Hydrostatic pressure resistance		12 bar
Colour		Blue

### PRECAUTIONS:

ARDEX WPM 1955 should have concrete cast as soon as practically possible. Should premature expansion occur, contact ARDEX for further information.

### DISCLAIMER

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