

Hyperseal DP Series Swell-able Water stop

DESCRIPTION

Hyperseal DP Series is high performance hydrophilic Rubber water stop. **Hyperseal DP Series** produced using high performance modified rubber strips. The swelling action result of **Hyperseal DP Series** creates a positive seal against the face of the concrete joint and prevents the water entry into the structure though protected joint.

FEATURE

- Pre-Installed special protective coating that protects the water stop unintended swelling (eg. Rain, high humidity, etc)
- Easy to install by bonding, nailing or casting into joint face.
- Swelling properties unaffected by long term wet-dry cycle
- Sustains effective seal in wet conditions.

USAGE

A flexible butyl rubber that swells upon contact with water to form a long-lasting compression seal in non-moving concrete joints. **Hyperseal DP Series** is used primarily for:

- Foundation walls slabs
- Slabs-on-grade
- Precast wall panels
- Man-holes
- Pipe connections
- Box culverts, utility and burial vaults
- Wet wells
- Potable water tanks.

PROPERTIES

Color	Black
Specific Gravity	1.35 ± 0.05
Shore A Hardness	40 – 50
Tensile Strength	20 MPa
Expansion Rate	> 300 %
Heat Resistant Test	
- Variation Rate of Length	± 5%
- Physical Deformity	No Change
Cold Resistant Test	
- Variation Rate of Length	± 5%
- Physical Deformity	No Change
Service Temperature	-30 – 50°C
Application temperature	-5 – 50°C
Size	
DP-2003	20 x 3 mm
DP-2004	20 x 4 mm
DP-2005	20 x 5 mm
DP-2010	20 x 10 mm

INSTRUCTION OF USE

1. Surface Preparation
Substrate should be sound and free from contamination such as oil and grease, mortar and paint splashes or curing compound residues. Excessive laitance can be removed by the use of mechanical methods.
2. Excessive dust, debris, and others contaminant material should be removed using high pressure blower or industrial vacuum cleaner.

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3. Placing

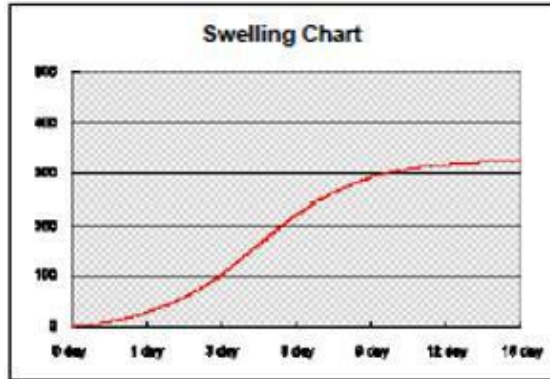
Hyperseal DP Series can be put in the rough concrete surface, using its self-adhesives property, nail, or in some condition with support of bonding agent.

CLEANING	Tools and equipment just can be cleaned with acetone or thinner immediately after use. Cured product only can be removed using mechanical action.
PACKAGING	<p>DP-2003 20 x 3mm (30m x 10 roll/box)</p> <p>DP-2004 20 x 4mm (25m x 10 roll/box)</p> <p>DP-2005 20 x 5mm (20m x 10 roll/box)</p> <p>DP-2010 20 x 10 mm (10 m x 10 roll/box)</p> <p>RR-Modified Radial Rubber Water stop</p> <p>JTCC also encourage costumer to customize the packaging and dimension.</p>
STORAGE	<p>Store in the dry conditions between 5 – 30 °C.</p> <p>Put away from sources of heat and naked frames in the original, unopened packs.</p> <p>If stored at high temperatures the shelf life may be reduced.</p> <p>Hyperseal DP Series should be protected from frost.</p>
SHELF LIFE	1 year in an unopened and undamaged packaging.
LIMITATION	<p>Hyperseal DP Series cannot be uses as expansion joints</p> <p>Hyperseal DP Series requires a 2 inch (50.80 mm) minimum clear coverage from the face of the concrete.</p>
SAFETY MEASURES	<p>Impervious gloves and barrier cream should be used when handling these products.</p> <p>Eye protection should be worn. In case of contact with eyes, wash thoroughly with plenty of water and seek medical advice if symptoms persist.</p> <p>If contact with skin occurs, it must be removed before curing takes place. Wash off with an industrial skin clearer followed by plenty of soap and water. Do not use solvent.</p> <p>Ensure adequate ventilation when using these products.</p>
DISPOSAL	Spillage of products should be absorbed on to earth, sand or other inert material and transferred to a suitable vessel. Disposal of such spillages or empty packaging should be in accordance with local waste disposal regulations. For further information, refer to the Product Material Safety Data Sheet.

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ADDENDUM

Swelling chart



PICTURE



Hyperseal DP Series

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