

Estopper Hydrophilic

Swellable Hydrophilic Waterstop

Description

Estopper Hydrophilic, a swellable water bar made of high quality hydrophilic material for prevention of water leakage from construction and non movement joints.

Uses

Estopper Hydrophilic is an integral sealing system for construction joint where conventional PVC Waterstops are not practical or impossible to be installed due to access limitation, such as diaphragm wall, secant pile walled basement, new and old casting work.

Estopper Hydrophilic has been tested in accordance to ASTM C661-98 on Shore 'A' Hardness, ASTM D471-98 on Unrestrained Volumetric Expansion and complied with the specification in this data sheet.

Advantages

- Easy installation by means of adhesives
- Swelling properties unaffected by long term wet and dry cycle
- Tolerant of salts present in concrete and groundwater
- Sustain effective seal in wet condition

Standard Compliance

- **ASTM C661-98**
- **ASTM D471-98**

Physical Properties

Solid Content	100%
Shore "A" Hardness ASTM C661-98	25 – 35
Unrestrained Volumetric Expansion ASTM D471-98	170 – 200%
Application Temperature	-20°C - 50°C
Service Temperature	-30°C - 70°C
Hydrostatic Pressure Resistant	50 m
Will not deteriorate under prolonged wet/dry cycling	

Application Instruction

Install **Estopper Hydrophilic** in a pre-form groove in concrete or directly onto the concrete surface. It can be positioned by bonding with appropriate adhesive or mechanical fixing.

Estopper Hydrophilic is not recommended for use in expansion joints or joints with repeated movement. It shall be install at least 70 mm from the edge of concrete.

Packing & Size

Estopper Hydrophilic	
S10	5mm x 20mm x 20m roll
S20	10mm x 20mm x 6m roll

Technical Support

Estop offers a technical support package to specifiers, end-users and contractors, as well as on site technical assistance.

Storage

Estopper Hydrophilic should be stored in original unopened packaging in dry conditions under ambient room temperature.

Under this condition, the product will have shelf life of 12 months. If stored in extreme heat locations the shelf life may be reduced.

Additional Information

Estop manufactures and offers a wide range of complementary products, which includes waterstops, waterproofing products, grouts, anchors, specialized flooring products. In addition, a wide range of products formulated for repair and refurbishment of spalled concrete are available.