

SWELLABLE HYDROPHILIC WATER BAR FOR CONSTRUCTION JOINT

Description

Waterbar SW is a rectangular acrylic sealing agent. It swells in contact with water to seal all type of construction joints and penetrate in concrete structures.

Uses

- Construction joints
- Construction joints in cable ducts
- Most of the penetrations and connection joints
- Pipe and steel work penetrations through walls and floor slabs
- Water tight upto 3 bar

Advantages

- Swells upon in contact with water
- Unique properties fill small cracks and voids
- Permanently water resistance (wet & dry cycles)
- Resistance to various chemicals
- No requirement for the imperfect edging.
- Non-adsorbent
- Can be applied to different substrates
- Available in different sizes
- Extremely high, form stability, will not become sticky at high temperatures.
- Easy and fast to apply
- Resistance to flex cracking

Technical Data

- Basis : Swellable Elastomer
- Colour : Red, Blue, Black
- Size : 20mm x 20mm
- Form : Rectangular and flexible
- Density(g/cm³) : 1.4 g/cm³
- Tensile strength : 1.4 Mpa
- Material hardness : 50 to 55 (Shore A)

- Elongation : 450%
- Volume Expansion in tap Water(15 days) : 450%
- Volume Expansion in 3w% salt Water(15 days) : 390%
- Volume Expansion in distilled water(15 days) : 615%
- Service Temperature Range: (-40°C to 110°C)

Application Instruction

- Waterbar SW has to fixed with assembly adhesive for swelling tape or by means of assembly bar or assembly grids.
- Place Waterbar SW in the center of the concrete structure.
- In reinforced concrete maintain minimum cover of 8 cm on both sides
- In un-reinforced concrete maintain minimum cover of 15 cm on both sides.

Packaging

In rolls of 12.5 meter or 25 meter length, multiple single rolls packed in one box.

Storage and Shelf life

Frost free, protected against the weathering, max 2 years in original unopened pack

Safety precautions

User must read Data Sheets (SDS) before using any products. The SDS provides information and advice on the safe handling, storage and disposal of chemical products and contains physical, ecological, toxicological and other safety-related data.

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Note

All Technical Data Sheets of FIRST CHOICE SPECIALITY CHEMICALS are updated on regular basis; it is the user's responsibility, to obtain the most recent issue. Field services where provided, does not constitute supervisory responsibility, for additional information contact our local representative.

Disclaimer

Whilst any information contained herein is true, accurate and represents our best knowledge and experience, no warranty is given or implied with any recommendations made by us, our representatives or distributors, as the conditions of use and the competence of any labour involved in the application are beyond our control.

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