SWELL BAR P100

MADE IN KOREA

Hydrophilic waterstop for concrete construction joint

DESCRIPTION

P100 Swell Bar is a hydrophilic modified polymer rubber strip designed to seal low-movement concrete construction joints. On contact with water, the strip swells within the confined joint to form a compression seal that restricts water ingress.



FEATURES & APPLICATIONS

- Water-reactive swelling action and simple butt-joint installation.
- Suitable for foundation walls, slabs, precast panels, manholes, pipe connections, box culverts and water-retaining structures.
- Designed for confined construction joints with limited movement.

INSTALLATION

Prepare sound, smooth concrete free of dust, oil, release agents and loose material. Install centrally in the joint with at least 75 mm concrete cover in all directions. Fix continuously with a compatible adhesive and make tight butt joints at ends, corners and intersections. Protect against premature wetting before the next concrete pour.

PACKAGING & STORAGE

Supplied in 10 m rolls, 20 mm × 10 mm profile. Store sealed, dry and frost-free, away from direct sunlight and moisture. Reference shelf life: 24 months in suitable storage. Safety: Observe the applicable Safety Data Sheet and standard site handling precautions.

TECHNICAL NOTE

Technical values and installation guidance are adapted from the supplied reference sheet; they are typical reference values, not a P100-specific test certificate. Confirm suitability and product-specific performance for the intended application before use.

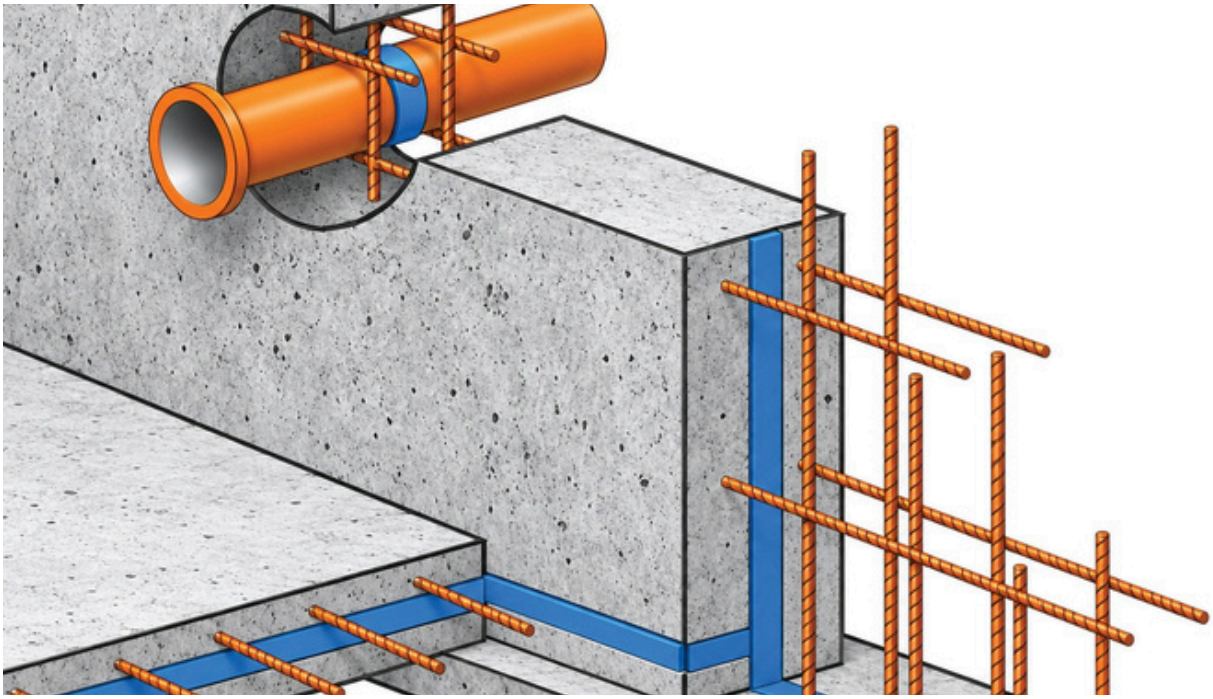
0301-2228210 | 021-35245132 | info@buildingcomforts.com
Office No. 4, Plot 40-C, 12th Nishat Commercial Lane, DHA Phase-6, Karachi - Pakistan
www.buildingcomforts.com

BUILDING COMFORTS™
The Water Proofing Company

TECHNICAL INFORMATION

Property	Typical value
Material	Modified polymer rubber
Profile / roll length	Strip 20 mm × 10 mm / 10 m
Colour / origin	Blue / Korea
Solid content	0.85
Service temperature	−30°C to +50°C
Tensile strength	20 kgf/cm²
Elongation	Above 450%
Volume expansion rate	Above 300%
Water pressure resistance	5 bar
Saline water resistance	Resistant
Density at 20°C	1.20 g/cm³

INSTALLATION SKETCH



Illustrative arrangement from the supplied data sheet. Sketch is not to scale. Install in accordance with the project joint details and required concrete cover.