



**POLYBAR<sup>+</sup>**  
**20 x 5**

## TECHNICAL DATA SHEET (TDS)

**Hydrophilic water stop based on synthetic rubber that acts as watertight seal for construction joints with excellent swelling capabilities. Retains its own form in multiple dry-wet cycles. Can be mechanically fixed with nails or adhered with adhesive.**

### USE

- Designed for the easily applied sealing of construction joints in concrete and reinforced concrete construction. POLYBAR+ seals against non-pressing and pressing ground water up to 6 bar. POLYBAR+ can be used in repeated wet and dry cycles.
- The joints should in all instances be square butted and tight to ensure a continuous section with a minimum of 60mm concrete cover.
- POLYBAR+ can be applied both vertically and horizontally but under no circumstances should it be used in expansion joints.

### DESCRIPTION

- Swellable water stop based on synthetic rubber as watertight seal for construction joints with excellent swelling capabilities. POLYBAR+ retains its own form in multiple wet and dry cycles.
- POLYBAR+ has good resistance to a wide range of chemicals – although we would always recommend final confirmation as to suitability in contaminated circumstances be obtained from our technical dept.
- The product remains consistent in its performance throughout its life cycle and the flexibility allows it to fill voids and cracks in the immediate surrounding area.

### APPLICATION

- Can be mechanically fixed with nails at approx 300mm centres or adhered with adhesive.
- The product can be adhered to concrete, steel and PVC pipe penetrations with the adhesive.
- The adhesive will also ensure a good bond is achieved on slightly uneven surfaces.
- The use of a tying wire around POLYBAR+ in the case of securing it to PVC pipes is also recommended in conjunction with the adhesive.
- For salt water environment, in polluted water conditions and in contact with manure and slurry, we recommend POLYBAR+ Salt (See separate TDS).

## TECHNICAL DATA

Swelling capacity in concrete water	400%
Swelling capacity in rain water	500%
Colour	Blue
Hardness	35° Shore A
Tensile strenght	>2 MP a
Elongation	>400%
Density	1,22 +/- 0,03
Temperature range	-20 +75°C
Weather resistance	Excellent
Chemical resistance	Good overall chemical resistance, but we advise to be careful with aromatic oils and fuels, with vegatal oils and strong aromatic solvents. Contact our sales department for detailed specific information.

## SIZES AND PACKAGING



Size	Roll	In a box	Boxes / pallet
20 x 5 mm	10m	5 x 10m	60

## CERTIFICATES

Detailed reports and certificates available on request at [info@bekina-compounds.be](mailto:info@bekina-compounds.be)

## SAFETY

The safety datasheet is available on request at [info@bekina-compounds.be](mailto:info@bekina-compounds.be)