

WATERSTOP DM

Hydroexpansive joint

Dimensions cm	Content m	Art. N°	U/E
2500 x 2 x 0,7	25m/Roll	0875 963 250	1

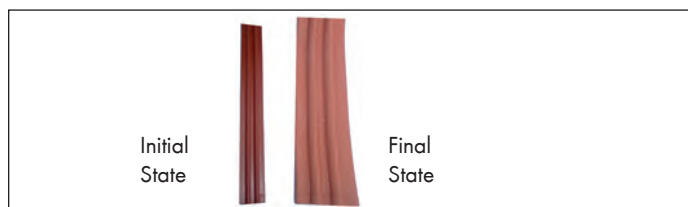
Hydroexpansive and elastic profile based on hydrophilic resins for waterproofing concrete joints

Properties

- Great elasticity and reversible expansion capacity, its volume increases up to 400% in contact with water.
- It guarantees sealing even with high water pressures, due to its great expansive property without damaging the concrete.
- The expansion is reversible, it recovers its initial volume if there is no presence of water, maintaining its expansion capacity indefinitely.
- Durable and chemically stable material, without alterations, that maintains its expansive properties after dry/wet cycles, ensuring the long-term tightness of the joint.
- Easy and quick application thanks to its lightness, flexibility and deformability.
- It does not contain toxic compounds and is environmentally friendly.

Applications

Concrete construction joints. Concreting joints subjected to permanent immersion in tanks, dams, canals, etc. Sealing joints between prefabricated concrete elements such as segments, boxes, panels, etc. Sealing of walls, junctions and structures buried below ground level in foundations, tunnels, galleries. Sealing of metal on concrete pipes through walls.



Behavior of the hydroexpansive joint in contact with water. Initial state and final state after 160 hours of contact with water.

Storage and Expiry Date

It must be stored in a dry and covered place, protected from humidity and extreme temperatures. Expiration date 30 months.



Technical data

Colour	Red
Hardness, Shore A	45 ± 5
Tensile strength (MPa)	3,0
Elongation at break (%)	350
Expansion ratio (%)	400

Instructions for use



1. Clean the surface well, smooth out imperfections, remove residue, patch holes, make the surface as regular as possible.



2. Place the WATERSTOP DM profile between the rebar rods.



3. To prevent movement of the joint, nail it with spikes every 30 cm.



4. Make the overlap by placing the joint parallel to each other for about 5 cm. Do not overlap. We can use MS Polymer to regularize the support Art. No. 1893100191 - 310ml or Art. No. 0892320020 - 600ml.