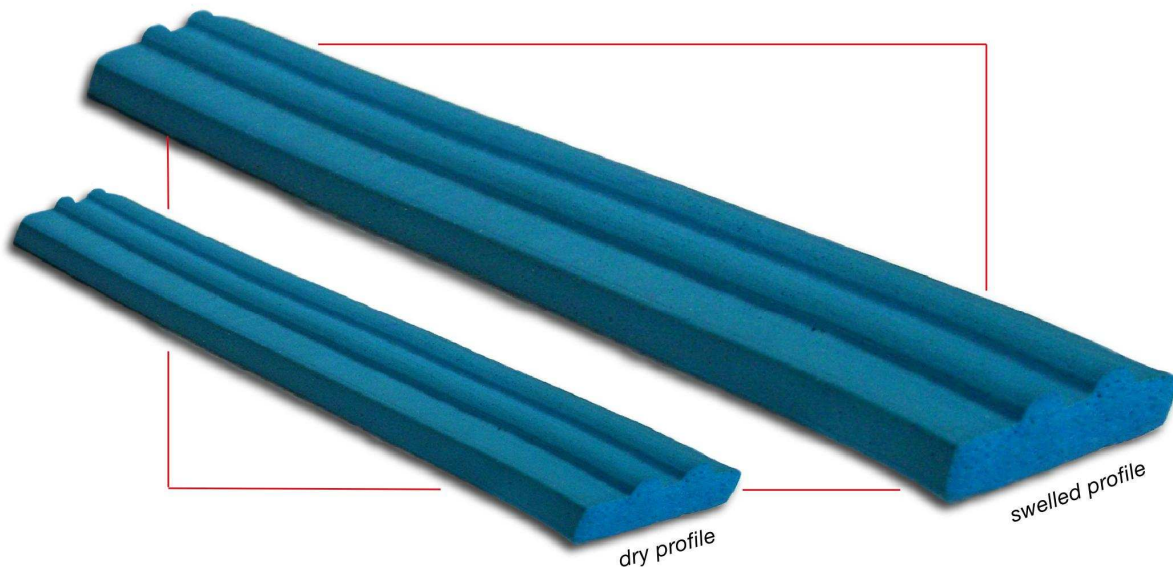




MAXJOINT[®]

W-SEAL

WATER SWELLING PROFILE FOR SEALING JOINTS AND CRACKS



DESCRIPTION

MAXJOINT[®] W-SEAL is an elastic and water swelling profile made of pre-formed hydrophilic resins that increases its volume up to four times when it is in direct contact with water for sealing joints and cracks in concrete and masonry.

Its great expansion rate allows to fill up all voids and irregular points in joint, closing leakages by its water expanding pressure on concrete surface and ensuring a perfect watertight sealing.

APPLICATION FIELDS

- Sealing of concrete construction joints subject to permanent water immersion in reservoirs, dams, channels, etc.
- Sealing of joints between pre-cast elements: tunnel shields, panels, sections, boxes, pipes, etc.
- Repair and sealing of fissures and cracks subject to continuous presence of water.
- Sealing of walls, joints and underground structures such as foundations, tunnels, galleries, etc.

- Sealing of metal or concrete pipes through walls.

ADVANTAGES

- Great elasticity and water swelling capability. It increases its volume up to 400 % when it is in water contact.
- Its water expanding pressure seals joints even exposed to high hydrostatic pressure, without damaging the concrete.
- Long lasting and chemical stability, keeping its water swelling properties after dry/wet cycles providing a watertight sealing along the time.
- Available in a wide range of geometries and sizes, thus allows the sealing of many types of joints.
- Easy and quick application due to its lightness, flexibility and deformability.
- Environmentally friendly and it does not contain toxic compounds.

APPLICATION INSTRUCTIONS

Surface must be sound, clean and free of superficial and loose particles.

In order to bond **MAXJOINT® W-SEAL** on concrete or metal surface, use an elastomeric polyurethane-based adhesive-sealant such as **MAXFLEX® 100 W** or a one-component water-swelling sealant. To ensure the adhesion, also concrete nails can be used to fix the profiles.

STORAGE

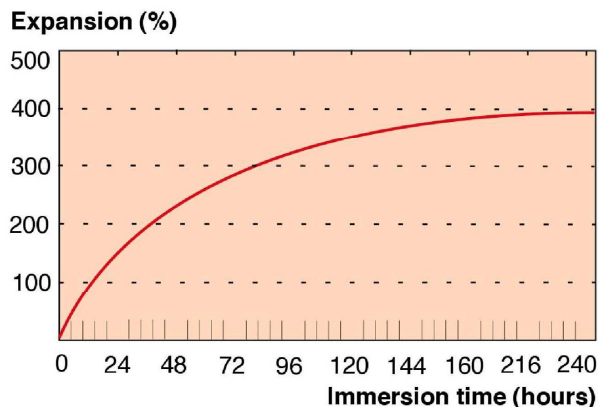
It must be stored in a dry and covered place, protected from humidity and extreme temperatures.

SAFETY AND HEALTH

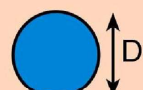
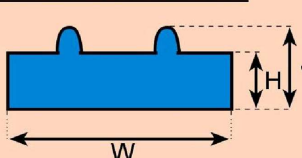

MAXJOINT® W-SEAL is a non-toxic product and special indications are not required for handling and application. Safety Data Sheet of **MAXJOINT® W-SEAL** is available by request.

The final user is responsible for the disposal of the product and its empty container. Disposal must be made according to official regulations.

TECHNICAL DATA	
Colour	Blue
Shore A hardness	45 ± 5
Tensile strength (MPa)	3,0
Elongation at break (%)	350
Expansion rate (%)	400



TYPES OF PROFILES AND APPLICATIONS

<p>REPAIRS</p>  <p>R - 10 D = 10 mm</p>	<p>PRE-CAST ELEMENTS</p>  <p>HB - 2007-5 H W J 05 x 20 x 07 mm</p>												
<p>WORKING JOINTS</p> 	<table border="1"> <thead> <tr> <th>TYPE</th> <th>H x W</th> </tr> </thead> <tbody> <tr> <td>H-2003</td> <td>3 x 20 mm</td> </tr> <tr> <td>H-2005</td> <td>5 x 20 mm</td> </tr> <tr> <td>H-2010</td> <td>10 x 20 mm</td> </tr> <tr> <td>H-2506</td> <td>6 x 25 mm</td> </tr> <tr> <td>H-2020</td> <td>20 x 20 mm</td> </tr> </tbody> </table>	TYPE	H x W	H-2003	3 x 20 mm	H-2005	5 x 20 mm	H-2010	10 x 20 mm	H-2506	6 x 25 mm	H-2020	20 x 20 mm
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GUARANTEE

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