

AQUA TACKSEAL

Properties:

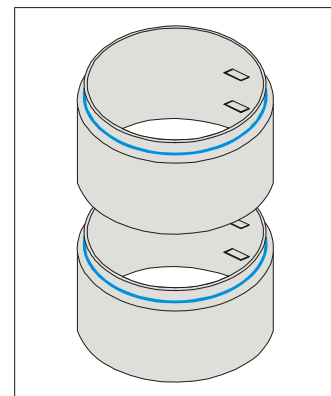
AQUA TACKSEAL is a water-expanding rubber based on semi-vulcanised butyl rubber (IIR = Isopren-Isobutylene Rubber).

The material base has a sticky texture which facilitates good adhesion to concrete surfaces.

The expanding property results from the irrevocable bonding of polyurethane-based water-expanding polymer resin with the IIR matrix.

On contact with water AQUA TACKSEAL can expand up to 250 vol.%.

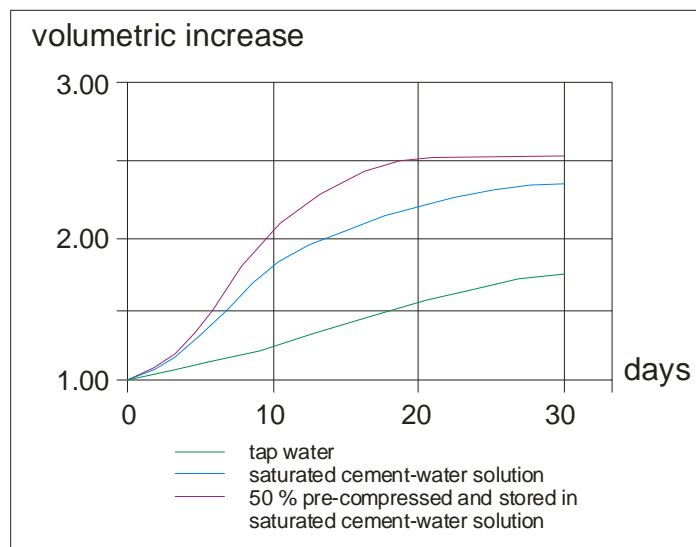
AQUA TACKSEAL is used for sealing of precast concrete elements (e.g. man holes), shaft rings and pipe lead-throughs etc..



Technical data:

Rubber type	solid rubber	
Material basis	butyl rubber, semi-vulcanised	
Colour	blue	
Spec. density (20°C)	approx. 1.25 g/cm ³	
Profile type	box profile 12 x 12 mm	
Shore A hardness	approx. 50	DIN ISO 7619-1
Tensile strength	approx. 1.0 MPa	DIN EN ISO 527
Elongation at break	approx. 1500 %	DIN EN ISO 527
Water absorption	approx. 250 vol.%	DIN EN ISO 62
Delay coating	no	

Volumetric expansion process:



Processing:Sealing of precast concrete elements:

When applying *AQUA TACKSEAL* it is necessary to ensure that the material cannot relax the expanding pressure built up when it comes into contact with water. This is achieved by insulating the product or installing it in suitable slots where *AQUA TACKSEAL* is then completely boxed in.

Safety information:

No special measures required

Packaging:

3.25 m rolls

65 m per carton (20 items)

Storage:

Shelf life at least 24 month in original packaging when stored in dry conditions between 15-25°C, protected from heat, frost and direct sunlight.

After the expiration the use of the product is generally not recommended, unless an approval has been provided by TPH. This approval can only be obtained by the quality assurance department of TPH releasing the material after verification of main properties being within specification.

Disposal:Recommendation:

Small quantities of product residues can be disposed of as normal domestic waste. Dispose of bigger quantities must be effected in accordance with the corresponding local regulations.

Legal notice:

The correct and thus successful application of our products is not subject to our control. A guarantee can be issued for the quality of our products within the framework of our sales and supply conditions, however not for successful processing. All data and specifications in this specification sheet are based on the present state of the art and the right to changes and adaptations for the sake of development remains explicitly reserved. The consumption specifications designated by us can be only average empirical values, where deviations are possible on an individual basis and therefore cannot be excluded by us.

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