



CONSTRUCTION CHEMICALS TECHNOLOGIES

VIMAPUR 2K

Two-component polyurethane joint sealant

Properties

VIMAPUR 2K is a two-component joint sealant based on polyurethane resins.

It is available in two types

VIMAPUR 2K/TH: Thixotropic type for sealing vertical joints

VIMAPUR 2K/SL: Self-horizontal type for sealing horizontal joints.

Maximum relative width variation of the joints (contraction-expansion) should not exceed 30%. The material is resistant to ultraviolet radiation and can be painted after hardening.

Applications

VIMAPUR 2K is used to sealing mainly concrete joints in Building, Civil Engineer and Hydraulic Works, for joints of 1-5 cm thickness.

Technical characteristics

	TH	SL
Density	~1,5 kg/L	~1,5kg/L
Pot Life	20-90 min	20-60 min
Vulcanization time	depends on weather conditions	depends on weather conditions
	1-5 days	1-5 days
Elongation at break point	approx. 400%	approx. 350%
Hardness (SHORE A)	17-19	14-16

How to use

Application temperature must be between +10⁰C and +35⁰C in dry weather conditions. The joint sidewalls must be cleaned from dust and loose particles by blowing with compressed air.

The depth of the sealing is regulated with a back filling of expanded polyethylene.

The depth of the joints must not exceed 50% of its width. Joints less than 1,5cm are an exception where the depth can almost be the same as the width of the joints.



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The two components are packaged in the required hardness ratio. Therefore there must be a mixture of the whole content of the package until it turns to a homogeneous grey color (component A is white and component B is black).

The filling of the joints is done for the thixotropic type TH with a special gun or spatula, as for the self-horizontal type by pouring.