



PRODUCT DATA SHEET

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BTMSEAL PU1K INJECT

One Component Hydrophobic Polyurethane Injection Material

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PRODUCT DESCRIPTION	BTMSEAL INJECT 1K PU is a one-component, polyurethane-based, semi-flexible, hydrophobic foam injection material developed to prevent water leaking from cracks and pores in concrete elements.			
PRODUCT USAGE	<ul style="list-style-type: none">• Underground walls and floors of buildings,• Underground structures such as parking lots and warehouses• Tunnels and underground passages• Waste water, sewage systems• Water tanks and tanks• Against water leaks in concrete curtains• It can be used safely in areas such as waterways and dams.			
APPLICATION	<p>SURFACE PREPARATION:</p> <ul style="list-style-type: none">•The surface should be cleaned using a high pressure washer; Oil, grease, fuel and paraffin residues should be removed, as well as completely free from mold release agents, cement residues, chips, loose particles and cured materials. •Large holes or gaps can be filled with epoxy mortar with quartz and/or silica sand added to BTMSEAL AA 0106 Epoxy-based solvent-free transparent primer before application. <p>STIRING:</p> <p>BTMSEAL INJECT 1K PU, The resin part of the product is mixed well with the catalyst in the size given next to it. The ratio of the catalyst varies between 0.5% and 5.0%, depending on the humidity and temperature of the substrate. Care should be taken not to allow the mixture to come into contact with moisture before starting the application. Otherwise, it may react. The container containing the mixture must be closed to prevent premature reaction.</p> <p>IMPLEMENTATION TOOL:</p> <p>It is applied with a single component injection pump.</p>			
CLEANING	All equipment used in the application should be cleaned with PU Thinner immediately after the application.			
CONSUMPTION	In practice, the consumption should be 0.150 - 200 gr/m ² .			
PACKAGING	20 kg Tin, 2 kg catalyst			
STORAGE CONDITIONS AND SHELF LIFE	It should be stored in its unopened original package, in a cool and dry environment, protected from frost. Appropriate storage temperature should be between +5°C and +30°C. Shelf life is 9 months from the date of production under suitable storage conditions.			
TEST	METOD	UNIT	TOLERANCE	RESULT
Base	-	-	-	Polyurethane
Coluor	-	-	-	Amber
Density	EN ISO 2811-1	g/ml	±0,05	1,02
Viscosity	ASTM 2196	c P	±20	180
Curing time	EN 1542	N/mm ²	-	Set with catalyst
Application Temperature	-	°C	±5	10-30

NPD = (No performance defined)

* For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet