



## TECHNICAL DATA SHEET

# RASCOflex PU118X LM

RASCOflex PU118X LM is an elastic, low-viscosity, alkaline, solvent-free, two-component polyurethane injection grout.

### USE

RASCOflex PU118X LM is used for the dynamic waterproofing / bonding of cracks, joints and voids in various areas of construction. The product's reaction and properties can be modified as required during injection. For dry and water applications. The product is ideal for ground injection systems, but also for RASCOtec injection channels or other injection hose systems.



### FEATURES

- very eco-friendly
- extra-low viscosity
- elastic waterproofing
- no change in reaction upon contact with water
- for use with either 1-component or 2-component injection pumps

### APPROVALS

- REACh-assessed exposure scenarios: water contact, periodic inhalation, application
- REACh-tested raw materials, classed as harmless

## TECHNICAL/PHYSICAL DATA

	A-component	B-component	A:B mix
Supplied form	liquid	liquid	
Material colour	colourless/yellowish	brownish	
Container type	canister	canister	
Container size	20 ltr/19,2 kg	20 ltr/22,8 kg	
Viscosity (DIN EN ISO 3219)			
Density (DIN EN ISO 2811)	0,96 kg/ltr (± 0,02)	1,14 kg/ltr (± 0,03)	approx. 1,05 kg/ltr
Flash point (DIN 53213)	> 230° C	> 230° C	
Hazardous goods/ADR	none	none	
Mixing ratio			1:1 (by volume)
Foam factor			1,1-1,5
Pot life (in minutes) at 20°C (depending on humidity)			approx. 60 min
Application temperature	from +4° C to +35°C		
Storage/shelf life	12 months in original container, from +5° C to +25° C, in dry conditions		

## APPLICATION

The A and B components are supplied in the correct, ready-to-use volumetric proportions. The material is applied using a 2-component injection pump (with the components fed in the ratio 1:1 by volume) or a 1-component injection pump where the grout is premixed. The mixed components polymerize.

## GENERAL GUIDELINE

The gel and curing times are temperature-dependent. The reaction between the components is significantly influenced by the ambient, material, ground and groundwater temperatures. Neither the prevailing ambient temperature nor the material temperature shall be less than + 4°C or greater than + 35°C. The components shall be properly blended into a homogeneous mix. For grouting with a 2-component injection pump, a static mixer of min. 300 mm length should be used. Do not use water or aqueous agents to clean the equipment and pumps. As all RASCOflex PU resins are moisture-sensitive, always ensure that the containers are properly sealed during storage.

## SAFETY NOTICE

Suitable protective clothing, gloves and goggles shall be worn. An eyewash bottle shall be kept at hand. For further details, please consult the safety data sheet.

## SUPPLY/ADDITIVE

Item no.	Product	Container	Contents
1101.6231.001	RASCOflex PU1 18X LM A-Comp	canister	20 ltr
1101.6232.001	RASCOflex PU1 18X LM B-Comp	canister	20 ltr
1101.6911.001	RASCOflex PU-AC	canister	4,8 ltr
1101.6921.001	RASCOflex PU-THIX	canister	4,9 ltr
1101.6931.001	RASCOflex PU-FO	canister	4,9 ltr

Grouting machines, equipment and accessories available on request

LEGAL NOTICE: The information provided on the use and application of our products in this technical data sheet is based on the present state of our knowledge. The customer shall bear sole responsibility for the proper specification, application and use of the products in line with the intended purpose, project-specific conditions and external actions. The most recent technical data sheet shall apply. The current technical data sheets are available at [www.rascor.com](http://www.rascor.com). Our General Terms of Business shall form an integral part of this technical data sheet.

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