

RASCOflex PU-THIX

POLYURETHANE ADDITIVE

POLYURETHANE INJECTION PRODUCTS

RASCOflex polyurethanes are solvent-free, 2-component, polyol- and isocyanate-based injection resins. All products undergo strict material tests, with particular priority given to their environmental compatibility. The RASCOflex polyurethanes excel by their high versatility and wide-ranging applications. To maximize flexibility on site and efficiently accommodate the constantly changing injection conditions, all RASCOflex PU products can be modified by additives, even during the injection works.

All RASCOflex 2-component polyurethane products were developed so as to make them adaptable, through the use of additives directly on site, to the changing demands of the particular situation. The available standard RASCOflex PU additives among other things serve as gel time accelerators, foaming agents/foam stabilizers or thixotropic agents.

USE

RASCOflex PU-THIX is an additive for enhancing the thixotropic properties of RASCOflex 2-component PU injection resins. This increases the viscosity of the 2-component materials, thereby reducing any washing-out of the uncured RASCOflex PU mix in the problem zone. The thixotropic action is based on a chemical reaction and only results after mixing the A- and B-components. A RASCOflex PU product modified by thixotropic agent can only be injected using a 2-component injection pump.

FEATURES

- for use with all RASCOflex polyurethane systems
- must only be added to A-component
- maximum dosage 3% (by volume)
- very fast thixotropy effect



Further product info



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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. Our General Terms of Business shall form an integral part of this technical data sheet.



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TECHNICAL/PHYSICAL DATA

Base component	
Supplied form	liquid
Material colour	transparent
Container type	canister
Standard container size *	4.9 ltr / 5 kg
Density (DIN EN ISO 2811)	1.02 kg/ltr (± 0.05)
Hazardous goods/ADR	UN 3082
Application temperature	see technical data sheet of relevant RASCOflex PU injection product
Storage/shelf life	12 months in original container, from +5° C to +25° C, in dark location

*Filling is controlled by weight balance. Volume details are indicative only and vary with temperature fluctuations.

SUPPLY/ADDITIVES

Item no.	Product	Container	Contents
1101.6921.003	RASCOflex PU-THIX	canister	4.9 ltr



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APPLICATION/PREPARATION

RASCOflex PU-THIX thixotropic agent shall always be added to the A-component. Proportions exceeding 3% (by volume) are not economical as no additional increase in viscosity can be achieved. Very thorough mixing is required after addition of RASCOflex PU-THIX. Use of a drill with mixing paddle is recommended.

The action of RASCOflex PU-THIX is temperature-dependent and shall be determined for each specific application on the basis of preliminary tests. In addition to the ambient and material temperature, attention shall also be paid to the building fabric temperature.

GENERAL GUIDELINES / SAFETY NOTICE

Unused A-components to which thixotropic agent has been added shall be clearly marked with precise details of the proportions.

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.

CLEANING OF WORKING EQUIPMENT

As the injection product reacts with water, no parts of the working equipment shall under any circumstances be cleaned with aqueous cleaning agents. Either machine oil or RASCOflex PU-DT Cleaner V2 are recommended for cleaning all equipment and accessories that have come into contact with polyurethane. Please consult the manufacturer's instructions for the relevant pumps and equipment.

DISPOSAL

Appropriate measures are required for the disposal of RASCOflex PU-THIX, which can be found in the material safety data sheet. If a mixed RASCOflex PU309 A component with RASCOflex PU-THIX needs to be disposed of, the material safety data sheet for RASCOflex PU309V A-Comp should be consulted. Cured material, in moderate quantities, may be disposed of with normal domestic waste.

