TECHNICAL
DATA SHEET

RASCOflex PU-FO
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.

Further product info

USE

RASCOflex PU-FO is an additive for foaming or enhancing the foaming behaviour of RASCOflex 2-component PU injection resins. The addition of RASCOflex PU-FO lends the 2-component grout a fine, closed cell structure while ensuring that foaming takes place under all conditions, i.e. even without any contact with water. Depending on the formulation of the RASCOflex 2-component PU system (tough-elastic or ductile), the cured foam body is hard and stiff or soft and compressible.

FEATURES

- for use with all RASCOflex polyurethane systems
- maximum dosage up to 6% (vol.)
- must only be added to A-component

swiss safety center ISO 14001 certified system

swiss safety center ISO 9001 certified system

CE

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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.

RASCOflex PU-FO

POLYURETHANE ADDITIVE

TECHNICAL/PHYSICAL DATA

	Base component
Supplied form	liquid
Material colour	milky
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	none
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
1101.6931.003	RASCOflex PU-FO	canister	4.9 ltr

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APPLICATION/PREPARATION

RASCOflex PU-FO shall always be added to the A-component. RASCOflex PU-FO must be mixed before adding. Proportions exceeding 5% (by volume) are not economical as this threshold corresponds to the maximum achievable foam factor (up to 60-fold). After storage, the canister shall be shaken prior to use of the foaming agent. Very thorough mixing is required after addition of the foaming agent to the main A-component.

Use of a drill with mixing paddle is recommended. The action of RASCOflex PU-FO 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 modified by RASCOflex PU-FO shall be clearly marked with precise details of the proportions added.

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

For details on how to dispose of the individual components, please consult the product safety data sheet. Cured material, in moderate quantities, may be disposed of with normal domestic waste.

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