

# RASCOflex AY-RE (Retarder)

## ACRYLATE INJECTION MATERIAL

### ACRYLATE INJECTION PRODUCTS

RASCOflex acrylates have been in use successfully since the mid-1960s. For RASCOR, environmental protection has always been a crucial concern. That is why RASCOR has always striven to use the most eco-friendly raw materials and production methods in manufacturing the RASCOflex acrylates. We make every effort to maximize eco-efficiency and not simply to meet the requirements specified in standards. No solvent-bearing products are used or needed either for the products or for the manufacturing process or for cleaning the injection equipment.

RASCOflex products are subject to strict, regular internal quality controls and are also continuously inspected by external laboratories.

### USE

RASCOflex AY-RE is used whenever the standard gel time for RASCOflex AY grouts needs to be extended.

### FEATURES

- may be used with all RASCOflex AY formulations
- suitable for potable water applications
- maximum quantity up to 7%
- must only be added to A component

### APPROVALS

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



Further product info



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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## TECHNICAL/PHYSICAL DATA

RASCOflex AY-RE	
Supplied form	liquid
Material colour	yellow/greenish
Container type	canister
Container size	5 ltr
Dichte (DIN EN ISO 2811)	1,02 kg/ltr (± 0,05)
Hazardous goods/ADR	none
Viskosität bei 23 °C (DIN EN ISO 3219)	4 - 12 mPas
Application temperature	See technical data sheet of relevant RASCOflex acrylic system
Storage/shelf life	12 months in original container, from +5 °C to +25 °C, in dry conditions

## SUPPLY/ADDITIVES

Item no.	Product	Container	Contents
1101.3011.001	RASCOflex AY-RE	canister	5 ltr

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## APPLICATION/PREPARATION

RASCOflex AY-RE shall always be added to the A component. To guarantee controlled polymerisation, the proportion of retarder shall not exceed max. 7% (by volume). Very thorough mixing is required after addition of RASCOflex AY-RE. Use of a drill with mixing paddle attachment is recommended. The action of RASCOflex AY-RE 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 GUIDELINE / SAFETY NOTICE

Unused retarded A components shall be clearly marked with precise details of the proportions added. Particular care is required when retarding as an excessive dosage of RASCOflex AY-RE may prevent the material from polymerizing! Up to 60-minute retardation is feasible. Non-binding rule of thumb: for retarded material, an approx. 7 °C higher temperature will halve the gel time, while an approx. 7 °C lower temperature will double the gel time. RASCOflex AY-RE freezes when stored at sub-zero temperatures.

Suitable protective clothing, gloves and goggles shall be worn. An eyewash bottle shall

## CLEANING OF WORKING EQUIPMENT

During the period of application, the working equipment (pump, mixer unit, packers etc.) can be simply cleaned with water. Cured material can be removed mechanically, e.g. with a wire brush.

## 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.

