

POLYAC® RETARDER

RETARDER FOR POLYAC® RESIN SYSTEMS

DESCRIPTION

POLYAC® RETARDER is a liquid additive that is added to the POLYAC® reactive resin systems and slows down the action of POLYAC® reactive resins

ADVANTAGES

- Very low viscosity
- Universal extender for high temperature
- Optimized polymerization under difficult conditions

FIELD OF APPLICATION

POLYAC® RETARDER is added to the POLYAC® reactive resin systems to be able to use them at high temperatures more than +25 °C.

APPLICATION

Note: The following is a typical application description. In case of other jobsite parameters, please contact our technical department.

PRELIMINARY ANALYSES

Measure the temperature of substrate, environment and materials. Determine the layer thickness that must be applied in one go. Check which aggregates will be used.

REQUIRED TOOLS

See the technical data sheets of the POLYAC® resin to be used.

PREPARATION OF THE PRODUCT

Dosing

The dosing depends on:

- Temperature of substrate, environment and materials
- Layer thickness applied in one go
- Used additives

Mixing

Mix the POLYAC® resin to be used well before use. Paraffin can separate during storage. Dispense an amount of resin that can be processed within 15 minutes. Weigh the share of POLYAC® RETARDER around 0.2% to 0.5% by weight of resin

PREPARATION OF THE EQUIPMENT

Always work with clean and dry measuring and mixing containers.

APPLICATION

Add the POLYAC® RETARDER to the resin and mix mechanically. Only if the POLYAC® RETARDER is homogeneously mixed under the resin may the following steps be performed. Add the POLYAC® CATALYST and mix the powder in the liquid until it is completely dissolved. Add any additives. See the technical data sheets of POLYAC® resins. Process the mixture immediately.

APPLICATION CONDITIONS

POLYAC® RETARDER is added to POLYAC® reactive resins for applications at high temperatures by more than +25 °C.

COMPLIMENTARY PRODUCTS

- Cleaning solvent for tools: SOLVENT MEK
- POLYAC® products
- POLYAC® CATALYST

ADVICE / FOCAL POINTS

Before applying POLYAC® products at high temperatures (up +25 °C) always contact RESIPLAST NV.

TECHNICAL DATA

APPEARANCE - COMPOSITION

Low viscous, yellow-brown.

CONSUMPTION

Around 0.2% to 0.5% by weight of POLYAC® resin

TECHNICAL DATA

Odour	Slightly musty odour
Viscosity	5 mPa.s
Density	0.9 kg/dm ³
Storage temperature	Max. 35 °C
Flash point	70 °C

CHEMICAL RESISTANCES

Polymerized POLYAC® resins have good chemical resistance to alkalis, petroleum derivatives, acid, salts and maintenance products. For more information please contact RESIPLAST NV.

REFERENCE DOCUMENTS



PACKAGING

POLYAC® RETARDER	5 kg	Metal pail
	25 kg	Metal pail

STORAGE AND SHELF LIFE

Store POLYAC® products in a dry, well-ventilated storage area between +5 and +35 °C. Shelf life: 6 months after production date. In case of doubt, please contact RESIPLAST NV and state the batch number on the packaging. Do not discharge into groundwater, surface water or sewers. Dispose of contaminated packaging and residues in accordance with the applicable legal requirements.

SAFETY PRECAUTIONS

Carefully read the safety data sheets before using POLYAC® products. A characteristic odour arises during processing. Ensure adequate ventilation, keep away from sources of ignition and do not smoke. Avoid skin contact. Eye irritation and/or hypersensitivity may occur with severe vapour concentration, inhalation and/or skin contact. Do not store food (food, drinks) in the same workspace. Always wear personal safety equipment in accordance with the applicable local guidelines and legislation. Gloves and safety glasses are mandatory.

The above information is provided in good faith, but without any guarantees. The application, use and processing of the products are beyond our control and are, as such, the sole responsibility of the user/processor. In the event that KorAC NV is still held liable for damages, then the claim will still be limited to the value of the goods delivered. We always aim to deliver consistently high quality goods. All values on this technical sheet are average values that result from tests carried out under laboratory conditions (20 °C and 50% RH). Values that are measured on the construction site may show a slight deviation since the environmental conditions, the application, and the way of processing our products are beyond our control. Do not add any products other than those indicated on the technical documentation. This version replaces all previous versions. Version 2.0 Date: 22 February 2023 2:40 pm