POLYAC® CATALYST

HARDENER POWDER FOR POLYAC® RESIN SYSTEMS

DESCRIPTION

POLYAC® CATALYST is a white powder containing 50% peroxide (BPO - benzoyl peroxide) and is the universal hardener component for all POLYAC® systems.

BENEFITS

• High reactivity
• Universal hardener component for all reactive POLYAC® resins.
• Free-flowing powder
• Applicable at low temperature
• Widely applicable
• Optimized polymerization under difficult conditions

FIELD OF APPLICATION

POLYAC® CATALYST initiates and polymerizes the POLYAC® resins.

APPLICATION

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

PRELIMINARY ANALYSES

Measure the ambient temperature and use this to determine the amount of resin powder to be added to the POLYAC® resins to be used. (Consult the table on the technical data sheets of the POLYAC® products to be applied).

REQUIRED TOOLS

Measuring cups and scales adequate up to 1 gram.

PREPARATION OF THE PRODUCT

Dosage
The dosage depends on:
• Type of POLYAC® reactive resin
• Temperature of substrate and materials
• Layer thickness
• Filling degree

Mixing
Mix all POLYAC® resins well before use. Paraffin can separate during storage. Dispense an amount of resin that can be processed within 15 minutes. Add 1 to 5% of POLYAC® CATALYST, see technical data sheets of POLYAC® resins for the correct quantity.
Mix until the powder is completely dissolved and add any additives, see technical data sheets of the respective POLYAC® resin.

PREPARATION OF THE EQUIPMENT

Always work with clean and dry measuring and mixing containers.

APPLICATION CONDITIONS

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

TECHNICAL DATA

APPEARANCE - COMPOSITION

White powder

CONSUMPTION

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

TECHNICAL DATA

Odour		Typical, slightly irritating
Viscosity		Powder free flowing
Apparent or Bulk Density		0.64 g/cm³
Solubility	Water	Insoluble
	Solvent	Soluble
Flash point		180 °C

CE MARKING

CE 749
KORAC NV, Gulkenrodestraat 3, 2160 Wommelgem, Belgium
13 0749-CPR-BC2-562-4714-0001-001
EN 1504-2:2004
DoP N°: DOP02PLC01S2 DoP N°: DOP02PLC02S2 DoP N°: DOP02PLC03S2 DoP N°: DOP02PLC04S2

REFERENCE DOCUMENTS

bsi. ISO 9001:2015 Quality Management — FM 78518

bsi. ISO 14001:2015 Environmental Management — EMS 716699

REACH COMPLIANT

ATG 3151

PACKAGING

POLYAC® CATALYST	80 g	Box per 66 of 96 pieces
	100 g	Box per 100 pieces
	250 g	Box per 50 pieces
	5 kg	Plastic pail
	25 kg	Box

Other packaging <25 kg on request.

STORAGE AND SHELF LIFE

Store POLYAC® products in a dry, well-ventilated storage area between +5 and Max. +25 °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 of 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.