

# POLYAC® SL2 FILLER

CALIBRATED FILLER FOR POLYAC® 51 AND POLYAC® 55



## DESCRIPTION

POLYAC® SL2 FILLER is the calibrated filler for POLYAC® 51 and POLYAC® 55 floor-, wear layer- and egaliser systems with layer thickness from 1 to 2 mm.

It is produced from high purity quartz for applications that require very hard, chemically pure and non-reactive mineral fillers.

## BENEFITS

- Because the product is fully inert and has a neutral pH, POLYAC® SL2 FILLER quartz can be added to a multi-component system without altering or changing the properties of other components.
- In addition, it is insensitive to extreme temperatures or aggressive environments.
- Its low surface area and low oil absorption make it possible to optimise the loading rate in organic systems (paints, elastomers, epoxy, etc.) and / or hydraulic systems (cementitious matrices). Its nature and chemical purity make it an excellent filler for electrical applications (enclosures and casting masses) and gives it a high thermal stability.

## FIELD OF APPLICATION

Filler for the PMMA synthetic resin systems POLYAC® 51 and POLYAC® 55 as industrial synthetic resin floor, levelling- or wear layer in a thickness of 1 to 2 mm.

## APPLICATION

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

### REQUIRED TOOLS

See the technical data sheets of POLYAC® 51 and POLYAC® 55.

### PREPARATION OF THE PRODUCT

POLYAC® SL2 FILLER is a ready-made product.

### APPLICATION

See the technical data sheets of POLYAC® 51 and POLYAC® 55.

### APPLICATION CONDITIONS

The optimum processing temperature is situated between +0 °C and +35 °C

### COMPLIMENTARY PRODUCTS

POLYAC® 51 and POLYAC® 55.

## TECHNICAL DATA

### APPEARANCE - COMPOSITION

Mixture of different granules.

### CONSUMPTION

See the technical data sheets of POLYAC® 51 and POLYAC® 55.

### TECHNICAL DATA

Average values. These do not represent a specification.

Control sieve	<0.063 mm	12.8%
	0.063 - 0.125 mm	37.5%
	0.125 - 0.25 mm	35%
	0.25 - 0.5 mm	14.7%
Oil absorption		14.5 g / 100 g
Hardness		7 Mohs
pH		7
Apparent or bulk density	1500 kg/m <sup>3</sup>	

### CHEMICAL ANALYSIS (XRF)%

Average values. These do not represent a specification.

SiO <sub>2</sub>	99.4
Fe <sub>2</sub> O <sub>3</sub>	0.03
Al <sub>2</sub> O <sub>3</sub>	0.10
TiO <sub>2</sub>	0.07

### REFERENCE DOCUMENTS

All characteristics of POLYAC® SL2 FILLER are obtained in compliance with the internal quality and ISO programs. This results in chemical purity and grain size regularity.



## PACKAGING

POLYAC® SL2 FILLER	20 kg	Bag
--------------------	-------	-----

## STORAGE AND SHELF LIFE

Store POLYAC® products in a dry, well-ventilated storage area between +5 and +35 °C.

Shelf life: 12 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 and/or 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: 24 January 2024 5:03 pm