



# SpECseal Glaze PU

SELF-LEVELLING 2-PART PU GROUT FOR EMBEDDING OF GLASS PANELS

## DESCRIPTION

**SpECseal Glaze PU** is a pourable, self-levelling, two-component polymer grout based on polyurethane resin.

## TYPICAL USES

For embedding of monolithic or laminated glass panes in U-profiles or concrete joints. It is suitable for indoor and outdoor applications and often used for glass balustrades and total vision glass walls.

## ADVANTAGES

- Room temperature curing
- Solvent-Free
- Easy to use
- Stress free glass embedding

## TECHNICAL DATA - TYPICAL VALUES

<b>Colour Part A</b>	White, Off-White,
<b>Colour Part B</b>	Brown
<b>Color Mixed</b>	Beige
<b>Density Mixed</b>	1500 kg/m <sup>3</sup>
<b>Solid Content</b>	100%
<b>Typical Properties @ 23°C</b>	
<b>Application Temperature</b>	15 - 30 °C
<b>Pot life</b>	25 min.
<b>Shore D Hardness</b>	70 D
<b>Tensile strength</b>	11 N/mm <sup>2</sup>
<b>Elongation @ break</b>	10%
<b>Mixing ratio by weight</b>	- 100/18
<b>by volume</b>	- 5 : 1

## CHEMICAL RESISTANCE

In case of chemical or thermal exposure, conduct project related testing.

Please consult the Technical Department of SpEC for advice.

## CURING

**SpECseal Glaze PU** takes place by a chemical reaction of the two components. Higher temperatures speed up and lower temperatures slow down the curing.

## APPLICATION LIMITS

The compatibility of setting blocks, backer rods, and other accessory materials with **SpECseal Glaze PU** must be tested in advance.

## Surface preparation

Prepare the substrates to avoid adhesion for easier glass replacement. After the cleaning process, a chemical pre-treatment with a suitable release agent is recommended.

## Application

The procedure for manual application is as follows: Stir the base part thoroughly before use, add the hardener in the given ratio and stir constantly until a homogeneous mixture is obtained. Apply the mixture before reaching half of the pot-life.

## EQUIPMENT CLEANING

**SpECseal Glaze PU** may be removed from tools and equipment with SpECtop Cleaning Fluid. Once cured, the material can only be removed mechanically. Hands and exposed skin should be washed immediately using a suitable industrial hand cleaner and water. Do not use solvents!

## APPLICATION TEMPERATURE RANGE

<b>Minimum</b>	15 °C
<b>Maximum</b>	30 °C

## PACKAGING & YIELD

**SpECseal Glaze PU** is supplied in 30 kg pack.

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### **STORAGE & SHELF LIFE**

To maintain the shelf life of 12 months for **SpECseal Glaze PU**, product should be stored in the original sealed containers at temperatures between 10°C and 30°C.

### **HEALTH & SAFETY**

Contact with skin and eyes should be avoided. It is essential that adequate ventilation is provided and all personnel should avoid inhaling the vapours produced. If working is necessary in confined areas it is strongly recommended that sealed respiratory equipment is utilized.

#### **Eye Contact**

Rinse with copious amounts of clean water and seek medical attention.

#### **Skin Contact**

Rinse with copious amounts of clean water followed by thorough cleaning with soap and water. **DO NOT USE SOLVENTS.**

#### **Ingestion**

Seek immediate medical attention. **DO NOT INDUCE VOMITING.**

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