



## 5028 Glass Plaster

### Description

Acrylic emulsion based ready to use plaster with glass particles for interior and exterior use which can be applied by a trowel.

### Fields of Application

- On exterior mineral surfaces such as concrete, mortar, cement panel, etc, on previously painted surfaces and also on interior surfaces for decorative purposes.

### Properties

- Decorative with its glittering appearance.
- Water resistant.
- High water vapour permeability, allowing the building to breathe.
- Alkali resistant.
- Long lasting; resists to UV rays, rain, heat and frost, thus retains its original properties for years without cracking, blistering and fading.
- Solvent free and practically odorless.
- Water thinnable and ecologically compatible.

### Application

- The substrate must be cleaned from dust, dirt, oil and old blistered coatings that may prevent good adhesion. The surface should be made sound, clean and dry. New cementitious substrates must be cured at least 28 days before application. All water insulation precautions should have been taken prior to application.
- Old synthetic-based surfaces should be thoroughly sanded and the sand dust should be removed off the surface.
- Plexiglass surfaces should be sanded thoroughly with thick sanding paper, roughened and cleansed off sanding dust.
- Prime the surface with Kale SİLASTAR in the same colour shade of the plaster.
- Spread GLASS PLASTER evenly on the surface in the same thickness as the glass particles by using a stainless steel trowel.
- Clean the tools with water.
- Ensure that the air and surface temperatures are above +5 °C and the surface is rain free during application and during the 24 hours following the application.
- Do not apply in extremely hot weather, under glaring sun, during strong wind, fog, high relative humidity, imminent rain or frost.
- Hot surfaces should be dampened before application.
- In order to avoid differences in shades of colour; care should be taken to use products with the same charge number. In the event products with different charge numbers are to be used, the entire required amount should be mixed prior to application.
- In order to avoid overlapping in large areas or after work pauses, masking tape should be used or an adequate number of applicators should be employed to apply the plaster wet-on-wet without interruptions.

### Ceiling Application Suggestions

- Compatibility of the GLASS PLASTER with the panel selected and the conformity of the panel with the adhesive should be tested in advance.
- Decorative ceilings can be created by adhesive bonding/mechanical mounting methods on previously tested lowered ceiling panels such as XPS, EPS. The performance of GLASS PLASTER application after the priming of the XPS panels with a primer of suitable color (Kale SİLASTAR) and adhesive bonding of these panels to the ceiling with Kalekim TECHNOMAX 30 are suggested, as advised in the model application.

### Storage

- Store between 5 - 35 °C.

### Packaging

- Available in 25 kg pails.

### Certificates of Quality



Complies with TS 7847.



# 5028 Glass Plaster

## Technical Properties

(at 23°C and 50% RH)

## General Data

Composition	Acrylic emulsion based
Tinner	Water
Colours	Available in 28 original colours
Texture	Contains glass chips

## Application Data

Application Temperature Range	(+5°C) - (+35°C)
Drying Time	Surface dry after 24 hours and thoroughly dry after 2 – 3 days. (Lower temperatures and/or higher relative humidity will lengthen the drying process.)
Consumption	Depending on the evenness of the surface approximately 4.0 - 5.0 kg/m <sup>2</sup>
Application Tools	Steel trowel

## Performance Data

### TS EN 1062-1 Class

Film Thickness	Class E5
Largest Grain Size	Class S4
Water Vapour Transmission	Class V2
Liquid Water Permeability	Class W1
Crack Bridging	Class A0
CO <sub>2</sub> Permeability	Class C0