



## 5045 Cemento

### Description

Soft concrete looking decorative coating material with mineral based white and gray color alternatives.

### Fields of Application

- On suitably prepared interiors such as concrete, mineral plaster, gypsum and plasterboard surfaces old painted surfaces, fixed plywood, putty and wallpaper on the interior facade.

### Properties

- Natural and decorative appearance with its soft concrete effect.
- Provides the opportunity to create an infinite number of patterns in accordance with the application tool, method and user's imagination.
- By different application alternatives, it enables the creation of numerous different effects.
- Has 2 different color alternatives; CEMENTO White and CEMENTO Gray.
- Thanks to its high water vapor permeability, it helps buildings to breathe.
- It is human and environmental friendly.

### Application

- The surface must be cleaned off from dust, dirt, oil and old blistered coatings that may prevent good adhesion.
- The surface should be made sound, clean and dry. Before the application on new mineral surfaces at least 28 days should be waited for the surface to cure. All water-related insulation of the building measures must be taken beforehand.
- Sand glossy and/or solvent based painted surfaces to improve adhesion and remove the occurring powder.
- If necessary, fill the surface cracks and even the substrate with Kale İNCE AKRİLİK MACUN or Kale MACUNART.
- Prime old painted, very dirty or new and porous surfaces with Kale SİLASTER, and plastered surfaces with SATEN ALÇI ASTARI.
- The specified amount of water in the technical table should be added to 5045 CEMENTO slowly and mixed until no lump remains. Low speed mixer should be used to mix.
- Mortar should be rested for 5-10 minutes before use and mixed again for application.
- 5045 CEMENTO, depending on the pattern desired to be obtained, in single or multiple layers and the application thickness should be maximum 3 mm. Wait 2-3 hours between coats.
- Wait at least 12 hours for the surface to dry completely.
- In order to increase the water and dirt repelling, after 28 days of curing, surface should be primed with İSTANBUL Antique Coat and let it at least 12 hours to dry.
- Any additives not mentioned in the application instructions should not be added to the product.
- The prepared mortar should be used within 3 hours. The expired mortar should be discarded.
- Application tools should be washed with water immediately after use.
- For the following 24 hours and during the application, the temperature of the environment and the surface to be treated should be minimum +5 °C maximum +35 °C and be dry.
- Application should not be made in very hot weather, under direct sun, in high relative humidity.
- Extremely hot surfaces should be moistened before application.
- Care should be taken to use products with the same charge number to avoid shade differences that may occur.
- If different charges are used, all the amount required should be mixed in advance.
- Application temperature is between +5 / + 35 °C.
- The material should not be used on horizontal surfaces exposed to rain.

### Storage

- It should be stored in cool, dry areas.

### Packaging

- 15 kg pail (including three 5 kg PE bags )



# 5045 Cemento

## Technical Properties

(at 23°C and 50% RH)

## General Data

Composition	Mineral based powder
Appearance	Powder
Colours	White and Gray

## Application Data

Application Temperature Range	(+5°C) - (+35°C)
Mixing Ratio	White: 4.2 – 4.8 L water/15 kg powder (1.4 – 1.6 L water/5 kg powder) Gray: 3.6 – 4.2 L water/15 kg powder (1.2 – 1.4 L water/5 kg powder)
Pot Life	Average 3 hours
Expiration	24 hours
Recoat	2-3 hours (Lower temperatures and/or higher relative humidity will lengthen the drying process.)
Application Tools	Spatula, Elastic stainless steel trowel
Consumption	Approx. 1 kg/m <sup>2</sup> for 1 mm thickness

## Performance Data

Flexural Strength (EN 1015-11)	≥ 3.0 N/mm <sup>2</sup> (28 days)
Compressive Strength (EN 1015-11)	≥ 6.0 N/mm <sup>2</sup> (28 days) (CS IV)
Bonding Strength (EN 1015-12)	≥ 0.8 N/mm <sup>2</sup> (28 days)
Capillary Water Absorption (EN 1015-18)	≤ 0.4 kg/mm <sup>2</sup> min <sup>0.5</sup> (Wc1)
Service Temperature	(- 30°C) - (+ 80°C)