

Technical 12.01.2015

## SGC

### CEMENT-BASED SUPER PLASTER

#### Use:

White finishing plaster, GP / CS III according to SR EN 998 – 1 / 2011. Finishing material for matured surfaces, without humidity, for indoors use on concrete, light concrete, cement plasterworks, cement-lime plasterworks, gypsum plasters, where there is risk of a wet environment after application (bathroom, kitchen, spaces such as indoor pools, etc.). It is used to obtain very smooth surfaces. Product does not apply on wood, plastic, metal, etc.



#### Characteristics:

- Super smooth surfaces
- High water vapors permeability
- Bright white
- High moisture resistance
- Mechanical resistance over time
- UV resistant

#### Technical data:

Item No.:	SGC
Material foundation:	White cement, mineral aggregates, polymers, plasticizers
Reaction to fire:	Class A1
Compressive strength:	3,5 – 7,5 N / mm <sup>2</sup>
Water absorption:	W0
Adherence to base:	Min. 0,1 N / mm <sup>2</sup>
Bucket time:	2 hours
Maximum application thickness:	5 mm
Air/substrate temperature when placing:	Min. +5°C max. +30°C
Consumption:	Approx. 0,5 – 1 kg / m <sup>2</sup>
Packaging:	Paper bag resistant to humidity
Delivery:	20 kg
Storage / Validity:	12 months from date of fabrication on the packaging, according to Directive 1907/2006/EC and GR 932/2004, at 20°C and 65% relative humidity. Store in dry spaces on wooden pallets.

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Technical data and those related to consumption are determined in standard conditions.  
There may be differences depending on conditions of applications.

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**Base:**

Surface of the support layer must be resistant, clean, dry, without cracks or fissures, adherent and compact, free of grease, dusts, loose debris, salts or other materials than can form a separator layer. Plaster or finishing plaster surfaces must be matured at least 30 days. Surface inequalities must not exceed 5 mm. In case of high absorption or during summer at high temperatures, it is recommended to moisten the base.

**Processing:**

For 1 kg, mix homogenously approx. 0,35 – 0,45 liters of clean water, respectively 7 -9 liters of clean water for 20 kg, with an electric mixer with a shaft for adhesives and plasters. Leave to rest about 10 minutes and then give a brief, vigorous mix one more time. The plaster you obtain is applied on the base with a stainless steel grouter in thin layers. When applying multiple layers, drying time between layers is minimum 6 hours.

After complete drying of the applied layer, minimum 72 hours, the surface can be finished. Waiting time is taken into account at 20°C and 65% relative humidity. Low temperatures and high air humidity prolong this drying and hardening period.

**Important:**

- Do not use outdoors;
- Do not use on bases with humidity;
- During processing, avoid direct exposure of surfaces to sunlight;
- Consideration must be given to additional measures for the protection of surfaces against fast dehydration, bad weather or frost;
- Comply with the information in the technical security sheet;
- This technical sheet replaces all previous versions. Information in this technical sheet represent our experience with this product up to this day. This technical sheet does not clear the user of the product from making his own decision and evaluation including by samples, regarding the appropriateness of using the product. SCHOMBURG / ADEPLAST products as well as their aggregate raw materials are continuously monitored in our own laboratories for consistent quality. Our advisory service is available for questions regarding product application and demonstrations. Comply with the information in the security technical sheet.