

Product Technical Data Sheet

Rigips® Construct Gips

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Product description

Rigips® Construct Gips is a gray gypsum plaster powder used for indoor application.

Intended use

- It is used for levelling of interior surfaces before finishing, repairs of the substrate, including filling of cavities.

The substrate

- The substrate must be clean, dust-free, oil-free, tars-free, soot-free, unfrozen, dry and protected from excessive moisture.
- Highly absorbent areas (e.g. ACC/AAC, brick) must be wetted before product application or treated with primer weber GR100 to equalize absorption.
- Areas with low absorption (e.g. concrete) must be treated with primer weber GR100 to ensure proper adhesion of the plaster.
- Do not apply the product on surfaces made of wood, plastic.
- In case of previously painted surfaces (washable paints, oil based paints, enamels, alkyd paints, etc.) it is recommended to remove the whole layer of paint / other material and treat the surface with primer weber GR100 to ensure adhesion.

Application conditions

- Air temperature, material and substrate must be **above +5°C and below 35°C**.
- Under excessive heat, ventilation or cold, the areas with plastering work in progress or freshly finished plastering, must be adequately protected to normalize temperature and reduce the intensity of air currents.
- In closed areas appropriate ventilation,

without intense air currents, will be ensured, for proper product drying.

Application

Material preparation

- Sprinkle the product in clean water (Never vice-versa!): approx. 2 kg of powder in approx. 1 litres of water.
- Wait for about 1 minute for the entire quantity of powder to be soaked in the water.
- Stir by hand or with a mixer until an even paste without any lumps is obtained.
- Attention! Excessive mixing can lead to shorter working time.
- After mixing, no more powder can be added to the resulting paste (lumps will form!).
- It is possible to add water in the paste to obtain a thinner consistency.
- A second paste mixing is not required (it causes shorter working time).
- Do not mix **Rigips® Construct Gips** with other materials.
- In the case of non-compliance with the **Product Technical Data Sheet** quality defects may occur in the preparation, application and finishing of the product.

Method of application

- The product can be applied manually with the spatula or trowel, as needed.
- The final surface, resulted after the product is completely dried and hardened is a perfect background for applying the final finishing coat (ex. paint or wallpaper).

Tools required

- Clean tools must be used (trowel and spatula).
- Attention! Powder plaster or hardened plaster remains on tools or work containers, as well as other impurities may shorten the product working time.
- The tools must be cleaned using clean water immediately after use.

Product storage and handling


- The product must be kept in a dry place, in the original sealed bag and protected from bad weather.
- In case of partial use, the bag must be closed as well as possible (to avoid the transfer of moisture from the air). It is recommended to be used as soon as possible.
- The product is valid 12 months after manufacture date and expires at the date printed on the bag.

Occupational and environmental protection measures

- It is recommended to work with appropriate protective equipment: protective clothing, safety glasses, gloves and dust mask.
- Avoid contact with the eyes (if necessary rinse with plenty of water and seek medical advice), prolonged contact with the skin, ingestion/ inhalation of the product.
- It is recommended to open carefully the bag and manipulate the powder with care in order to avoid dusting.
- The waste resulted from the packaging and product use will be treated according to legal provisions in force.
- Read and follow the recommendations in the **Product Safety Data Sheet**.

Technical data

The product parameters presented below refer to temperature requirements of 23±2°C and relative air humidity of 50±5%.

Standard of reference	 according to SR EN 13279-1:2009
Class	A1
Composition	Gray stucco
Fire reaction class	A1
Finesse	99% under 315µm
Calcium sulphate content	>50%
Working time	7 - 15 min.
Powder/water ratio	2 kg powder / 1 L water
Material consumption	1 kg/sqm/mm
Packaging (bag)	5 kg / 25 kg (PE bags)
Pallet	100/40 bags

Declaration of Performance in System IV.

The information in this Product Technical Data Sheet is based on testing at Saint-Gobain laboratories. Indications on material preparation and application are correlated to each product. Deviations from these lead to lower expected product performance and reduce any associated obligations related to product warranties. The user shall abide by any potential protected commercial rights and legal provisions at the expense thereof. Any modifications to the product will be made in accordance with the legislation in force and within the reference standard.



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