

Rigips ELEKTRIKERGIPS



Product Description

Rigips ELEKTRIKERGIPS is a multiphase gypsum ($\text{CaSO}_4 \cdot n \text{H}_2\text{O}$; $n = 0, \frac{1}{2}, 2$),

produced from naturally occurring gypsum mineral.

Colour: whitely – light grey

Application

ELEKTRIKERGIPS is used to fix e.g. electric installations, also for repair work.

Site Conditions

Air-, material and background temperature have to be above $+5^\circ\text{C}$. The background has to be solid, clean, dust free and dry.

Preparation

Remove loose parts, dirt, dust etc. The repairing area should be pre-wetted.

Handling

ELEKTRIKERGIPS can be handled about 5 minutes and hardens within 10 minutes. Mix approx. 1,5 kg gypsum into 1 litre water. Use only absolutely clean vessels and tools.

Gypsum residues can change the setting time. Always sprinkle the ELEKTRIKERGIPS into the mixing water, never contrariwise.

Allow ELEKTRIKERGIPS to soak in for about 1 minute and then mix it.

Anchors can be used at the earliest after 24 hours.

Technical Data

The stated technical data are typical figures.

Usage powder:

130 – 160 g/100 ml water

Initial set: ≥ 4 min

Final set: ≤ 20 min

pH-value: 7

Sieve residue: R 200 μm : max. 10%

Flexural strength: ≥ 4 N/mm²

Compressive strength: ≥ 10 N/mm²

Changes of the ratio powder to water will affect the product performance, especially the setting time and strength.

Gypsum products are not resistant for use under constant moisture conditions, therefore it is not recommended for using in outdoors and by excessive moisture.

Absorption of moisture can result in changes to physical properties including a shortening of setting time.

EN-Classification

 EN 13279-1: A /A1

Product Data

Mixing ratio	app. 1,5 kg / 1 L water
Working time	app. 5 –10 min.
Fire resistance	A1
Vapour diffusion resistance	$\mu = 10$
Flexural- and tensile bond strength	According to EN 13279-1
Package-size	2,5 kg / 5 kg / 25 kg
Storage	Shelf life: Ensure stock rotation and use within 12 months of the marked date. Use unsealed bags within 3 months. Protect from freezing - store between $+2^\circ\text{C}$ and $+30^\circ\text{C}$.

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Application



Handling



Working time

The information in this publication is based on our current technical knowledge and experience. In view of the many factors that may affect processing and application of our products, these data do not relieve the users of our products from the responsibility of carrying out their own inspections and tests, as they only represent general guidelines. They neither do imply any legally binding assurance of certain properties or of suitability for a particular application. It is the responsibility of those to whom we supply our products to ensure that any proprietary rights and existing laws and regulations are observed. We reserve the right to modifications in the interests of technical advancement without prior notice.