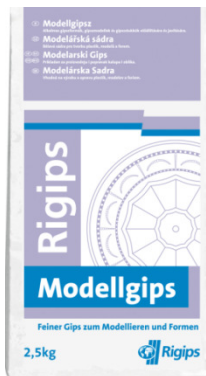


## Rigips MODELLGIPS



### Product Description

MODELLGIPS 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

### Application

MODELLGIPS is used for manufacturing of ceramic powders, moulding and models of architecture, reliefs, decoration and also to pour plaster figures, modelling, applications and manufacture of crayons.

### 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

MODELLGIPS can be handled for about 15 minutes and hardens within 20 minutes. Mix approx. 1,5 kg MODELLGIPS into 1 litre water. Use only absolutely clean vessels and tools. Gypsum residues can change the setting time. Always sprinkle the MODELLGIPS into the mixing water, never contrariwise.

Allow MODELLGIPS 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:  $\geq 8$  min  
Final set:  $\leq 45$  min  
pH-value: 7  
Sieve residue: R 200  $\mu\text{m}$ : max. 0,5%  
Flexural strength:  $\geq 5 \text{ N/mm}^2$   
Compressive strength:  $\geq 15 \text{ N/mm}^2$

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

<b>Mixing ratio</b>	app. 1,5 kg / 1 L water
<b>Working-time</b>	app. 15 – 20 min.
<b>Fire resistance</b>	A1
<b>Vapour diffusion resistance</b>	$\mu = 10$
<b>Flexural- and tensile bond strength</b>	According to EN 13279-1
<b>Package-size</b>	2,5 kg / 5 kg / 25 kg
<b>Storage</b> 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.