



FEINE GIPS

For arts and crafts

Perfect Moulding Building Restoration with

Krone Feine Gips

MODELLGIPS



Modelling Gypsum

Finely ground gypsum binder
From selected natural white gypsum stone

Rapid setting, fast hardening

For restoration, reproduction, casting and moulding in stucco
plastering and monument preservation

For high-quality stucco and decorative elements made of gypsum
For demanding applications of all kinds in art, teaching, research,
hobbies and recreation

Minimal expansion behaviour
High accuracy in shapes and details
High surface hardness and compressive strength

Just add clean water
Easy to mix, smooth consistency
Effortless moulding, casting, application and stripping by hand
Processing time **about 15 minutes**

Additive-free calcium sulphate hemihydrate
Healthy for the home Indoor Air Comfort® GOLD from Eurofins

For interiors



Technical data sheet
Modelling Gypsum
Gypsum binder



Construction product and intended use	
Description	Gypsum binder in powder form without factory additives
Harmonised European Standard	EN 13279-1
Designation and abbreviation	Gypsum binder A1
Quality control	Initial type testing and factory production control
Approximate shelf life	6 months Store in a dry area; protect from moisture absorption. Close open containers firmly and use material in the near future
Special characteristics	Natural white Rapid strength development High accuracy in shapes and details High surface hardness and compressive strength
Intended use	Moulding, casting, drawing, turning, offsetting, application of plaster stucco Restoration, reconstruction and reworking of interior stucco Restoration of historical monuments and works of art Replicas of classical and modern works of art
Range of applications	On all suitable substrates in interior construction
Technical properties	
Reaction to fire	Non-combustible Class A (no contribution to fire) according to 96/603/EC
Hygiene, health	Meets the requirements of Indoor Air Comfort® GOLD according to Eurofins
Consumption/yield	Depending on application
Approximate application time	0:15 h:min Recommendation Material with natural setting behaviour without regulating additives. Beginning of setting 0:15 ± 0:05 h:min . Only mix the amount of material that can be applied during this timeframe.
Drying time	Several hours to several days, depending on the size and type of shape produced. Allow mouldings to set completely in the mould and allow to air dry and harden completely after removal from the mould.
Processing conditions and application procedure	
Substrate (especially for applied stucco)	Before starting work, it must be taken into account whether the substrate is sufficiently stable, level, dimensionally stable, rough, dry, free of dust and frost, and – especially in the case of concrete – free of residues of anti-caking agents and whether it exhibits normal, uniform absorbency. If its condition deviates from this, then measures must be taken to improve the condition of the substrate before starting work. Recommendation Depending on the type of application, pre-treat highly absorbent substrates and/or substrates with varying absorbencies with Krone Feine Gips Primer, and dense and/or non-absorbent or slightly absorbent, smooth substrates with Krone Feine Gips bonding agent.
Air and component temperatures	During pre-treatment and assembly work, the temperature must be at least +5 °C and no higher than +30 °C. Very low temperatures can interfere with the setting process, while very high temperatures can accelerate this process. Protect from frost and intense heat until complete hardening.
Approx. mixing water (as an example)	5 – 6 l clean water to 10.0 kg material (malleable) 7 l of clean water to 10.0 kg material (flowable) Recommendation The temperature of the mixing water must be at least +5 °C and not over +30 °C. Very cold water can interfere with the setting process, while very warm water can accelerate this process.
Mixing procedure	Add water, sprinkle in material up to the water line and allow to soak. Do not mix with foreign material and/or additives. After soaking, mix briefly and intensively by hand. Material that has already started to set cannot be reused by adding more water and/or mixing again. Clean equipment and tools immediately after use. Recommendation Tools and containers must be cleaned before each new mixing process. Residues of material on tools and in containers can accelerate the setting process.
Application	By hand, with rust-free tool

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 Gypsum binder



Table of contents	Type of packaging
1.5 kg	Paper bag
5.0 kg	Paper bag
25.0 kg	Paper bag
Hazard designation	

Item data and forms for supply

Type of secondary packaging	Packaging unit	Weight/pallet	Item
10 pc./pack	55 packs	825 kg	Material no. follow EAN 4003230007104
4 pc./pack	50 packs	1,000 kg	Material no. follow EAN 4003230007111
	40 sacks	1,000 kg	Material no. follow EAN 4003230007128
Not classified as hazardous according to CLP Regulation (EC) no. 1272/2008			

Technical documentation

Technical data sheets
 Product/safety data sheets
 Declarations of performance
 Environmental product declarations
 Certificates

www.kronefeinegips.de
www.ce.kronefeinegips.de

This is a translation of the technical data sheet valid in Germany. The contents are in compliance with the regulations in Germany. If used in other countries, other regulations may apply that stipulate other requirements for use and give preference to other application procedures. VG-ORTH GmbH & Co. KG does not accept any liability for use outside of Germany.

Our data sheets provide technical information, instructions and recommendations intended to help better fulfil the intended purpose of the product and to be able to deal with any possible obstacles when applying the product. The contents are based on our information and experience; they might not reflect the scope and current status of the recognised rules of building technology in Germany. **If used in other countries, other regulations may apply that stipulate other requirements for use and give preference to other application procedures.**

Before starting work, the user must bear in mind that he assumes sole liability for his actions, for understanding how to use the product, for being familiar with our contents in order to ensure the safety of himself and others and for being suitably familiar with relevant national and European Standards and with corresponding country-specific rules of the trade.

Our warranty applies to our products when in flawless condition. Information about the product, e.g. on yield, are based on reference test procedures; the results of these tests cannot be transferred identically in the event that circumstances are different, e.g., at construction sites.

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 DIN EN ISO 14001
 DIN EN ISO 50001



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