



FEINE GIPS

For painters and decorators



Filling & Smoothing
Compound

Smooth, firm and **light-coloured** substrates for painting,
wallpapering and gluing work with

Krone Feine Gips **FÜLL & GLÄTT SPACHTEL**

High-quality compound based on gypsum

Modified, **non-combustible A1**

Gypsum finishing compound C7 in accordance with EN 13279-1

On **mineral substrates**

Also for filling in cavities and touching up cracks

Just add clean water

Easy to mix, smooth consistency

Easy to work by hand

Processing time **about 60 minutes**

Outstanding bonding

Dries evenly, with low surface tension

Low shrinkage from drying

Easy-to-sand surface

Indoor Air Comfort® GOLD from Eurofins

For interiors



Technical data sheet
Filling & Smoothing Compound
 Compound based on Gypsum



Construction product and intended use	
Description	Powdery compound based on gypsum for manual application to all suitable, level, standard building mineral substrates in interiors to create smooth wall and ceiling surfaces for subsequent coatings and cladding.
Harmonised European Standard	EN 13279-1
Designation	Gypsum finishing compound for final application
Designation with abbreviation	C7/20/2
Quality control	Initial type testing and factory production control
Approximate shelf life	9 months Store in a dry area; protect from moisture absorption. Close open containers firmly and use material in the near future
Special characteristics	Proven gypsum building material from domestic raw materials Construction product in accordance with the harmonised European Standard Pre-mixed at the factory, consistent quality Supple, easy to work with, easy to sand Modified to enhance bonding and elasticity High stability in shape and dimensions Low shrinkage from drying
Intended use	Finishing on suitable standard building mineral substrates Creation of substrates for painting, wall-papering and gluing work Filling in cavities and touching up cracks Shaping of surfaces Health-related construction and residential concepts
Range of applications	In interiors with normal humidity in new and existing residential and non-residential buildings. Do not use in wet rooms (areas with high/very high exposure to water)
Substrates, solid construction	On concrete surfaces On brickwork made of large-scale, aerated cement blocks or sand-lime bricks fixed with the thin-bed method On interior plastering made of gypsum/lime gypsum, lime/lime cement Do not use on setting surfaces for ceramic claddings, on substrates made of glass, plastic, metal, wood
Technical properties¹	
Flexural strength in accordance with EN 13279-1	≥ 1.0 N/mm ²
Compressive strength in accordance with EN 13279-1	≥ 2.0 N/mm ²
Min. layer thickness	≥ 1 mm For finishing, there must be generally a closed layer, ≥ 1 mm thick , that can set and harden completely with a sufficient percentage of water.
Max. layer thickness	4 mm
Approximate consumption	0.9 kg/m ² /mm
Approximate yield (as an example)	1.1 m ² /1.0 kg/mm
Approximate application time	1:00 h:min, from mixing to start of setting

¹ Values determined under laboratory conditions are not comparable with values determined under conditions at construction sites. Calculate the material required for the project e.g. by applying a sample to the object. The setting process can be influenced by factors such as air and structural component temperatures, the mixing water and mixing; please see processing conditions and application procedure for instructions and recommendations on this.

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	Properties pursuant to EU Construction Products Regulation
Description	Essential characteristics and technical properties designed to meet the basic requirements for construction works. www.ce.kronefeinegips.de > Declaration of performance
Safety in case of fire	
Reaction to fire	A1 according to EN 13501-1
Hygiene, health, environment	
Principle active binding component	Calcium sulphate in its different hydration phases www.echa.europa.eu > CAS 7778-18-9
CLP Regulation	No labelling required pursuant to Regulation (EU) no.1272/2008 www.ce.kronefeinegips.de > Product safety data sheet
Emissions in interiors	Meets the requirements of Indoor Air Comfort® GOLD according to Eurofins, while also meeting the requirements of AgBB/ABG, BREEAM, DGNB, EMICODE EC1plus, French VOC Class A+, LEED and many similar requirements. www.ce.kronefeinegips.de > Eurofins Certificate
Content in volatile organic compounds (VOCs)	No requirement In the context of production of gypsum dry mortars, it is guaranteed that no VOCs are used in production that, either alone or in combination with other substances, are used to dissolve or dilute raw materials or products, or as cleaning agents to dissolve dirt, as dispersing agents, as a means of regulating viscosity or surface tension or as plasticiser or preservative.
Disposal	Comply with national regulations. Containers emptied of residues can be recycled. www.ce.kronefeinegips.de > Product safety data sheet

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	Processing conditions and application procedure (1)
Regulation	EN 13914-2
Substrate	
Testing	Before starting application, 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 application. Substrates can be tested using generally recognised procedures such as visual inspection, wiping, scratching and/or wetting tests. When the material is utilised on concrete surfaces, the moisture content of the concrete must be a maximum of 3% of the mass (measured at a depth of about 30 mm). If, after the wetting test has been carried out, there are still doubts as to whether this value can be complied with, the moisture content of the concrete can be determined by such means as the Darr method, or with a CM device (Calciumcarbid Method).
Preparatory treatment	Remove residues that reduce adhesion such as paste, wallpaper, mortar, coating agents, oil. Cover sensitive components/construction elements, if needed.
Pre-treatment	Substrates with strong and/or varying absorbency Use Krone Feine Gips Primer on substrates such as brick, gypsum/gypsum lime plaster Dense and/or non-absorbent or weakly absorbent, smooth substrates Use Krone Feine Gips Bonding Agent on substrates such as concrete, high-density types of stone, interior plaster made of lime/lime cement.
Touching up the substrate	Close uneven substrates, such as areas damaged by deeper cracks or wider tears, using Krone Feine Gips bonding gypsum plaster and allow to dry before applying filler. The material to be applied and the type of application procedure depend on the cause and extent of the fault.
Air and component temperatures	During pre-treatment and application, 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 the finished surfaces from frost and intense heat until complete hardening.
Application	
Approx. mixing water (as an example)	630 – 650 ml of clean water to 1.0 kg material 3.1 – 3.2 l of clean water to 5.0 kg material 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, briefly and intensively mix 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 For automatic mixing, use stirring unit with large-diameter basket at moderate speed. Baskets that are too small or speeds that are too high can have impair the consistency of the material and accelerate the setting process. Tools and containers must be cleaned before each new mixing process. Residues of material on tools and in containers can accelerate the setting process.
Finishing	Single-layer work by hand. On pre-treated concrete surfaces (due to the mineral aggregates contained in the bonding agent) apply the material in a thickness of at least 2 mm, up to max. 4 mm. Moisten the layer that has been set but not yet hardened and smooth the surface. If needed, prime the layer for this after complete drying with Krone Feine Gips Primer and apply a second layer to the primer when it has dried completely.

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	Processing conditions and application procedure (2)
Drying/hardening	Drying/hardening by setting
Approximate drying time	1 day/mm layer thickness depending on the residual moisture in the substrate as well as on the room/climate conditions and ventilation. Recommendation There must be enough time available for the complete drying/hardening of the layer. After application, dissipate the humidity by regular, brief ventilation (shock ventilation) in order to prevent condensation on the surface. Protect the surfaces from frost and intense heat until complete hardening.
Further treatment	
Coatings, cladding	After complete drying/hardening suitable for coatings and cladding.
Special decorative surfaces	When applying enamels, glossy coatings and claddings, or lacquered wallpaper, it is necessary to prime, fill and sand the surface to be filled several times.
	Technical documentation ¹
www.kronefeinegips.de www.ce.kronefeinegips.de	Technical data sheets Product/safety data sheets Declarations of performance Environmental product declarations Certificates
www.din.de	EN 13914-2 Design, preparation and application of external rendering and internal plastering - Part 2: Internal plastering
	¹ Anyone is free to apply the standards. Due to legal and administrative regulations, contracts or other legal principles, compliance with standards may be mandatory. Please keep in mind that a standard is generally just a single source of information for a technically correct course of action, and not the only one.

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Table of contents	Type of packaging
0.5 kg	Folding carton
1.0 kg	Folding carton
1.5 kg	Paper bag
2.0 kg	Folding carton
5.0 kg	Paper bag
10.0 kg	Paper sack
25.0 kg	Paper sack
Hazard designation	
GISBAU	

Item data and forms for supply

Type of secondary packaging	Packaging unit	Weight/pallet	Item	
20 units/carton	8 cartons	80 kg	EAN	4003230006794
10 units/carton	40 cartons	400 kg	EAN	4003230006800
10 pc./pack	55 packs	825 kg	EAN	4003230006824
5 units/carton	42 cartons	420 kg	EAN	4003230006817
4 pc./pack	50 packs	1,000 kg	EAN	4003230006831
	81 sacks	810 kg	EAN	4003230006855
	40 sacks	1,000 kg	EAN	4003230006862
Not classified as hazardous according to CLP Regulation (EC) no. 1272/2008				
Calcium sulphate-based plaster; www.wingisonline.de > CP1				

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 9001
 DIN EN ISO 14001
 DIN EN ISO 50001



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