

For builders

Dry lining with

Krone Feine Gips

ANSETZBINDER



Gypsum based Adhesive

High-grade gypsum binder

Gypsum based adhesive according to EN 14496

For fixing gypsum plasterboards to walls and partitions

On **stable** mineral interior walls

Also for fixing insulation composite panels, plaster beads and bands

For assembly, installation and touch-up work

High-yield, strong adhesion, prolonged workability

Just add clean water

Easy to mix, smooth consistency

Easy to work by hand

Processing time **about 120 minutes**

Indoor Air Comfort® GOLD from Eurofins

For interiors



Technical data sheet
Gypsum based Adhesive
 For dry lining



	Construction product and intended use
Description	Gypsum based adhesive used for fixing gypsum plasterboards to walls and partitions.
Harmonised European Standard	EN 14496
Designation	Gypsum based adhesive
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	Adhesive based on gypsum binder EN 13279-1 Construction product in accordance with the harmonised European Standard Pre-mixed at the factory, consistent quality Easily mixable High-yield High adhesive strength
Intended use	Dry lining on interior/partition walls by fixing: Gypsum board thermal/acoustic insulation composite panels EN 13950 Gypsum plasterboard DIN 18180/DIN EN 520 Gypsum board products from reprocessing EN 14190 Gypsum boards with fibrous reinforcement EN 15283-1 Gypsum fibre boards EN 15283-2 Fixing of insulation materials, e.g., insulation boards/formwork elements Fixing of plaster beads and bands Fixing of preformed plasterboard cornices Extensive assembly, installation and touch-up work (prolonged workability) Health-related construction and residential concepts Recommendation The installation guidelines and processing instructions of the board manufacturers should be observed in order to increase the installation safety of claddings made of gypsum boards/composite panels to improve energetic/structural thermal insulation (interior insulation) and the structural sound insulation as well as to increase application safety (for console loads, for example).
Range of applications	On interiors
Substrates	On concrete On brickwork On mixed brickwork On internal plastering, coatings, claddings Note Only use gypsum based adhesive on load-bearing and preferably level substrates for fixing suitable board materials. Only use on existing/internal plasters and on coated or clad surfaces after thorough testing for load-bearing capacity and plaster adhesion.
	Technical properties¹
Bonding strength	≥ 0.06 MPa
Approximate consumption	5.0 kg/m ²
Approximate yield	4 m ² dry lining/20.0 kg, 5 m ² dry lining/25.0 kg
Approximate application time	2:00 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.
	Technical documentation
www.kronefeinegips.de www.ce.kronefeinegips.de	Technical data sheets Product/safety data sheets Declarations of performance Environmental product declarations Certificates

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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	Non-combustible Class A (no contribution to fire) according to 96/603/EC
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
Regulation	The installation guidelines and processing instructions of the board manufacturers apply to the production of dry lining from gypsum boards/composite panels.
Substrate	
Testing	Before starting dry lining, 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. 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 gypsum based adhesive. 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 dry lining, 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 dry lining from frost and intense heat until complete hardening.
Drywall work	
Mixing water, approx.	12 l of clean water to 20.0 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. Mixing 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.
Application	Apply the material to the boards or substrate in lumps, in strips or over the entire surface according to the processing instructions of the board manufacturer. Press the boards perpendicular and at right angles to the substrate, ensuring that the gypsum adhesive dries/hardens by way of ventilation gaps on the floor (10 mm) and ceiling (5 mm). Tap the boards firmly into place using a straightedge (for example), and align them before the gypsum adhesive starts to harden. The lumps must be at least ≥ 5 mm thick after the boards have been aligned. Close the joints in the boards with Krone Feine Gips gypsum based compounds and fill the boards over their entire surface if necessary. Expansion/movement joints in the substrate are to be carried over to the dry lining.
Drying/hardening	After wallpapering or applying synthetic resin/cellulose plasters, enable rapid drying by ensuring sufficient ventilation to prevent the boards from changing length when humidity increases.

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Table of contents	Type of packaging
20.0 kg	Paper sack
Hazard designation	

Item data and forms for supply

Type of secondary packaging	Packaging unit	Weight/pallet	Item	
	50 sacks	1,000 kg	EAN	4003230007043
Not classified as hazardous according to CLP Regulation (EC) no. 1272/2008				

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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