

**For builders**

Improve substrate properties with

Krone Feine Gips

# BETONKONTAKT



Bonding agent

Bonding agent for gypsum plasters on concrete

Improves the adhesion of gypsum plasters on **smooth, dense, non-absorbent or low-absorbency** plastering substrates, especially on concrete and masonry made of highly densified types of stone. Also applies before applying smoothing/filling coats and before placing gypsum boards on these substrates (dry lining).

High-grade polymer dispersion enriched with special grain

**Ready to use** – just stir!

Red-pigmented for easy visual inspection

Tested for VOC emissions

For interiors



Technical data sheet  
**Bonding agent**  
Substrate pre-treatment



<b>Construction product and intended use</b>	
Description	Emulsion-based construction product to be used according to EN 13914-2 as a bonding agent to improve plaster adhesion on smooth, dense, non-absorbent or low absorbency substrates before application of gypsum-based mortars and levelling compounds, e.g. light-weight gypsum plasters, gypsum plasters, gypsum lime plasters and plasters containing gypsum (as machine-applied or hand-applied plasters), gypsum based adhesives for composite panels and plasterboards, gypsum based compounds.
Quality control	Factory production control
Shelf life, roughly	6 months Store in the unopened original container in a cool, frost-free place. Protect from intense heat and sunlight. Close open containers tightly and use in the near future. Do not use goods that have been stored too long.
Special characteristics	Organic bonding agent Enriched with special grain (filled bonding agent) Red-pigmented for easy visual inspection Ready to use Tested for VOC emissions
Intended use	To improve plaster adhesion on smooth and/or dense, slightly or non-absorbent substrates. To improve the adhesion of gypsum-based adhesives on these plaster bases, such as stucco/electrician plaster, gypsum based adhesives for dry lining. Improve the adhesion of filler coats (minimum layer thickness $\geq 2$ mm due to the special grain bound in the adhesive film). Do not use on classified concrete components in fire protection. Health-related construction and residential concepts
Range of applications	On interiors
Substrates	<b>Pre-treatment generally required</b> On walls and under ceilings made of concrete On masonry made of highly densed and/or low-absorbency types of stone, such as sand-lime bricks, as well as on masonry made of glazed bricks, natural stones or hard-fired clinker bricks On EPS-/XPS insulation boards On EPS formwork elements (Insulated Concrete Formwork) <b>Notes</b> When the material is utilised on concrete, the moisture content of the concrete must be a maximum of 3% of the mass (measured at a depth of approx. 30 mm, as per EN 13914-2). 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 (Calciumcarbide Method). Substrates with higher moisture contents can only be plastered after additional drying and moisture measurements; this can occur especially in large-scale lightweight concrete elements with closed structures. As an alternative, the areas to be plastered can be covered with plaster carrier. <b>Pre-treatment after testing the substrate</b> A bonding agent can be dispensed with on concrete surfaces formed with unplanned, rough-sawn planks that have sufficient absorbency, once the substrate has been tested.
<b>Technical properties</b>	
Composition	Water-based polymer dispersion
Classification, labelling and packaging	No labelling required pursuant to Regulation (EU) no.1272/2008 <a href="http://www.ce.kronefeinegips.de">www.ce.kronefeinegips.de</a> > safety data sheet
Information under 2004/42/EC ("Decopaint Directive")	EU limit value for maximum VOC content: 30.0 g/l This product contains < 3.0 g/l VOC <a href="http://www.ce.kronefeinegips.de">www.ce.kronefeinegips.de</a> > safety data sheet
Emissions in interiors	Declared voluntarily: Meets the requirements for use of construction products in interior areas in accordance with AgBB (Health-related Evaluation of Emissions of Volatile Organic Compounds from Building Products, 2015).
Disposal	Comply with national regulations. Containers emptied of residues can be recycled. <a href="http://www.ce.kronefeinegips.de">www.ce.kronefeinegips.de</a> > safety data sheet

<b>Processing conditions and application procedure</b>	
Substrate testing	Before starting plastering 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 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 <b>moisture content of the concrete must be a maximum of 3% of the mass</b> (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 (Calciumcarbide Method).
Preparatory treatment	Clean substrate. Remove residues that reduce adhesion such as paste, wallpaper, mortar, coating agents, oil. Cover sensitive components/construction elements, if needed.
Air and component temperatures, substrate environment	The air and component temperatures must be <b>above +5 °C</b> (even at night) and below +30 °C and <b>there must not be any prolonged high alkaline environment</b> during application and drying of the material in order for the bonding agent to form a film.
Application	Stir material well. Do not mix with foreign material and/or additives and do not dilute with water (if applied by machine, adjust spray consistency with max. 1.0 l clean water if necessary). Roll on by hand with the paint roller to cover the entire surface or spray on uniformly at low pressure using a suitable machine process and reroll if necessary (avoid accumulations of grain or untextured surfaces as far as possible). Clean equipment and tools with water immediately after use.
Approximate consumption	0.25 - 0.30 kg/m <sup>2</sup> (on concrete)
Approximate yield	66 - 80 m <sup>2</sup> /20.0 kg (on concrete) <b>Notes</b> 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.
Reworking	Immediately remove dirt/splashes with water. Soften up material that has already formed a film with warm water and absorb excess.
Drying time, min.	24 h under favourable climatic conditions, depending on room/climatic conditions and ventilation. After drying, start plastering/smoothing/filling work promptly to prevent performance from being impaired by dust deposits, etc.
<b>Technical documentation <sup>1</sup></b>	
<a href="http://www.kronefeinegips.de">www.kronefeinegips.de</a> <a href="http://www.ce.kronefeinegips.de">www.ce.kronefeinegips.de</a> <a href="http://www.din.de">www.din.de</a>	Technical data sheets Product/safety data sheets <b>EN 13914-2</b> Design, preparation and application of external rendering and internal plastering - Part 2: Internal plastering

<sup>1</sup> 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
20.0 kg	Bucket
Hazard designation	
Special notes	

### Item data and forms for supply

Type of secondary packaging	Packaging unit	Weight/pallet	Item
	24 Buckets	480 kg	Material no. follow EAN 4003230007197
Not classified as hazardous according to CLP Regulation (EC) no. 1272/2008			
Contains 1,2-benzisothiazol-3(2H)-one May cause allergic reactions (EUH208)			

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.

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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.

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