

**For builders**

Perfect jointing with

Krone Feine Gips

# PROFI FUGENFÜLLER



Gypsum dual-purpose  
compound

Fine gypsum based joint compound

Polymer-modified, **non-combustible A1**

Bedding, finishing and dual-purpose compound for drywall systems

Always in conjunction **with jointing tape**

Filling joints of the bottom non-visible layers

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

Very little shrinkage from drying

Surfaces that are **easy to sand**

Indoor Air Comfort® GOLD from Eurofins

For interiors



Technical data sheet  
**Gypsum dual-purpose compound**  
 Gypsum based joint compound



| <b>Construction product and intended use</b> |                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description                                  | Powdery, gypsum based joint compound for manual application on drywall systems.                                                                                                                                                                                                                                                                                              |
| Harmonised European Standard                 | EN 13963                                                                                                                                                                                                                                                                                                                                                                     |
| Designation and abbreviation                 | Bedding compound (EN 13963 – 1B)<br>Finishing compound (EN 13963 – 2B)<br>Jointing compound suitable for both bedding and finishing as dual-purpose compound for use with tape (EN 13963 – 3B)                                                                                                                                                                               |
| Quality control                              | Initial type testing and factory production control                                                                                                                                                                                                                                                                                                                          |
| Approximate shelf life                       | 9 months<br>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<br>Construction product in accordance with the harmonised European Standard<br>Pre-mixed at the factory, consistent quality<br>Supple, easy to work with, easy to sand<br>Modified to enhance bonding and elasticity<br>Resistant surface<br>High stability in shape and dimensions<br>Low shrinkage from drying |
| Intended use                                 | Joint filling <b>with jointing tape</b> for gypsum plasterboard joints regardless of edge shape<br>Fine skimming of gypsum plasterboard joints<br>Shaping of surfaces<br>Health-related construction and residential concepts                                                                                                                                                |
| Range of applications                        | In interiors with normal humidity in new and existing residential and non-residential buildings.<br>Do not use in wet rooms (areas with high/very high exposure to water)                                                                                                                                                                                                    |
| Substrates                                   | Board products, e.g., gypsum boards, gypsum fibre boards, gypsum boards with fibrous reinforcement, gypsum board composite panels, prefabricated gypsum plasterboard panels                                                                                                                                                                                                  |
| <b>Technical properties<sup>1</sup></b>      |                                                                                                                                                                                                                                                                                                                                                                              |
| Min. layer thickness                         | ≥ 1 mm<br>For finishing, there must be generally <b>a closed layer, ≥ 1 mm thick</b> , that can set and harden completely with a sufficient percentage of water.                                                                                                                                                                                                             |
| Max. layer thickness                         | 4 mm                                                                                                                                                                                                                                                                                                                                                                         |
| Approximate consumption<br>Joint filler      | Depending on drywall system/board type/board thickness/edge shape/planking e.g.<br>0.2 kg/m <sup>2</sup> on wall/plasterboard/12.5 mm/half-rounded tapered long edge/single-layer cladding                                                                                                                                                                                   |
| Approximate application time                 | 1 hour from mixing to start of setting                                                                                                                                                                                                                                                                                                                                       |

<sup>1</sup> 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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|                                              |                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                                              | <b>Properties pursuant to EU Construction Products Regulation</b>                                                                                                                                                                                                                                                                                                                                       |
| Description                                  | Essential characteristics and technical properties designed to meet the basic requirements for construction works.<br><a href="http://www.ce.kronefeinegips.de">www.ce.kronefeinegips.de</a> > Declaration of performance                                                                                                                                                                               |
| <b>Safety in case of fire</b>                |                                                                                                                                                                                                                                                                                                                                                                                                         |
| Reaction to fire                             | A1 according to EN 13501-1                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Hygiene, health, environment</b>          |                                                                                                                                                                                                                                                                                                                                                                                                         |
| Principle active binding component           | Calcium sulphate in its different hydration phases<br><a href="http://www.echa.europa.eu">www.echa.europa.eu</a> > CAS 7778-18-9                                                                                                                                                                                                                                                                        |
| CLP Regulation                               | No labelling required pursuant to Regulation (EU) no.1272/2008<br><a href="http://www.ce.kronefeinegips.de">www.ce.kronefeinegips.de</a> > Product safety data sheet                                                                                                                                                                                                                                    |
| Emissions in interiors                       | Meets the requirements of <b>Indoor Air Comfort® GOLD</b> according to Eurofins, while also meeting the requirements of AgBB/ABG, BREEAM, DGNB, EMICODE EC1plus, French VOC Class A+, LEED and many similar requirements.<br><a href="http://www.ce.kronefeinegips.de">www.ce.kronefeinegips.de</a> > Eurofins Certificate                                                                              |
| Content in volatile organic compounds (VOCs) | No requirement<br>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.<br><a href="http://www.ce.kronefeinegips.de">www.ce.kronefeinegips.de</a> > Product safety data sheet                                                                                                                                                                                                                 |
| <b>Insulation</b>                            |                                                                                                                                                                                                                                                                                                                                                                                                         |
| Airtightness/interior insulation             | To establish airtightness in joints and connection areas of structures for interior insulation of exterior walls or of walls adjacent to unheated rooms, e.g. made of drywall with gypsum/composite boards.                                                                                                                                                                                             |

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|                                      | Processing conditions and application procedure (1)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Supplementary provisions             | Observe the processing instructions of the boards manufacturer.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Substrate</b>                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Testing                              | Before starting application, it is necessary to take into account whether the substrate is sufficiently stable, level, clean, free of dust and frost. Boards must be mounted firmly on a stable substructure. If its condition deviates from this, then measures must be taken to improve the condition of the substructure before starting application. The application may only be carried out when no further major fluctuations in climate conditions are to be expected, e.g., changes in temperature or increases in humidity. In particular, wet-construction methods (internal plaster, screed) can lead to an increase in humidity, which in turn can cause changes in length of the boards.                                                                                       |
| Preparatory treatment                | Remove residues that reduce adhesion such as paste, wallpaper, mortar, coating agents, oil. Cover sensitive components/construction elements, if needed.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Pre-treatment                        | Pre-treatment for application in dry construction systems is not generally necessary.<br><b>Recommendation</b> Observe the procedural instructions of the panel manufacturer, e.g., on priming of open panel edges                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Air and component temperatures       | When working the room temperature must be above +5 °C.<br>Very low temperatures can interfere with the setting process, while very high temperatures can accelerate this process.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Application</b>                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Approx. mixing water (as an example) | <b>650 ml</b> of clean water to <b>1.0 kg material</b><br><b>3.2 l</b> of clean water to <b>5.0 kg material</b><br><b>Recommendation</b> The temperature of the 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, <b>briefly</b> and <b>intensively</b> 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.<br><b>Recommendation</b> 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.                        |
| Joint filler                         | <b>With jointing tape</b><br>Apply the material firmly across the joint along both sides of the board and strip off one hand's breadth to a thickness of $\geq 1$ mm. Centre jointing tape over the joint and compress lightly. Finally, apply filler over joints and tape as evenly as possible. A closed $\geq 1$ mm thick layer of filler <b>under and over the tape</b> can set and harden completely if the percentage of water is sufficient, thus preventing inadequate performance.<br><b>Recommendation</b> The board manufacturer's technical documents provide important instructions for practical application procedure depending on the edge shape of the boards. Pre-treat open gypsum edges to bond plaster dust and reduce absorbency, e.g., with Krone Feine Gips Primer. |

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|                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
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|                                                                                                                                            | <b>Processing conditions and application procedure (2)</b>                                                                                                                                                                                                                                                                                                                                                                          |
| 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.<br><b>Recommendation</b> There must be enough time available for the complete drying/hardening of the layer. After plastering and/or filling work, dissipate the humidity by regular, brief ventilation (shock ventilation) in order to prevent condensation on the plaster/filler surface. |
| 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.                                                                                                                                                                                                                                                                       |
|                                                                                                                                            | <b>Technical documentation <sup>1</sup></b>                                                                                                                                                                                                                                                                                                                                                                                         |
| <a href="http://www.kronefeinegips.de">www.kronefeinegips.de</a><br><a href="http://www.ce.kronefeinegips.de">www.ce.kronefeinegips.de</a> | Technical data sheets<br>Product/safety data sheets<br>Declarations of performance<br>Environmental product declarations<br>Certificates                                                                                                                                                                                                                                                                                            |
|                                                                                                                                            | <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 |
|--------------------|-------------------|
| 5.0 kg             | Paper bag         |
| 25.0 kg            | Paper sack        |
| Hazard designation |                   |
| GISBAU             |                   |

### Item data and forms for supply

| Type of secondary packaging                                                                        | Packaging unit | Weight/pallet | Item |               |
|----------------------------------------------------------------------------------------------------|----------------|---------------|------|---------------|
| 4 pc./pack                                                                                         | 50 packs       | 1,000 kg      | EAN  | 4003230006992 |
|                                                                                                    | 40 sacks       | 1,000 kg      | EAN  | 4003230007005 |
| Not classified as hazardous according to CLP Regulation (EC) no. 1272/2008                         |                |               |      |               |
| Calcium sulphate-based plaster; <a href="http://www.wingisonline.de">www.wingisonline.de</a> > 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.

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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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