

# RhinoGlide®

## Smooth setting joint filler

### Advantages



Smooth Finish



Environmentally Friendly



Superior Aesthetic & Design



**RhinoGlide®** is a quick setting drywall joint filler for finishing, patching and bedding.



**Gyproc**  
SAINT-GOBAIN

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### Physical and Chemical Properties

| Colour    | Setting Time | Mixing Ratio   | Solubility               | pH                                          |
|-----------|--------------|----------------|--------------------------|---------------------------------------------|
| Off white | 60 Minutes   | 1 kg to 460 ml | Slight<br>± 2,4 g/liter. | 7,5 to 8,5 approx.<br>When mixed with water |

## INTRODUCTION

RhinoGlide® is a quick setting drywall joint filler for finishing, patching and bedding. This product has been developed specifically to assist the drywall contractor to complete the jointing on drywall jobs within one day. RhinoGlide® is packed in 10 kg, 20 kg and 25 kg bags and has a setting time of approximately 60 minutes.

### Plaster colour

Off white powder

### Mixing ratios

The RhinoGlide® to water mixing ratio is 460ml of water for every 1 kg of RhinoGlide® plaster. Use clean water only.

### Finishing

As in good building practice, roof, windows and doors should be installed before plastering with RhinoGlide® plaster (to help prevent dry-outs and ensure consistent setting). RhinoGlide® plaster should not be used in areas where walls are washed with hose-pipes, in showers or in industrial type kitchens.

### Decoration

After RhinoGlide® has dried, decoration, including any decorator's preparatory work, should follow with minimum delay.

## APPLICATION

### General

It is important to observe appropriate health and safety legislation when working on site, i.e. personal protective clothing and equipment, etc. The following notes are intended as general guidance only. In practice, consideration must be given to design criteria requiring specific project solutions.

RhinoGlide® has been designed as a filler for plasterboard systems but can also be used as an interior crack filler and for filling rough plaster surfaces prior to painting.

### Handling

When handling bags of RhinoGlide® plaster, due regard should be paid to correct ergonomic handling. Appropriate personal protection should be used whilst handling.

### Storage

RhinoGlide® plaster should be stacked in a safe and stable manner. Store in unopened bags, in cool, clean dry conditions, off the ground and above 5°C. RhinoGlide® Plaster has a shelf life of 9 months.

### Exposure controls / Personal Protection

**Technical Protective Measures:** No special measures required.

**Exposure Limits:** Occupational Exposure Limit (OEL 8 hour TWA limit). Total inhalable dust 10mg/m<sup>2</sup>. Total respirable dust 5mg/m<sup>2</sup>.

**Respiratory Protection:** Suitable respiratory protection should be worn to ensure that personal OEL is not exceeded in areas that are poorly ventilated. If care is taken not to raise dust during handling the use of respirators is not normally necessary.

**Hand Protection:** Wear suitable gloves. Do not rely on barrier creams; barrier creams should not be used in place of gloves.

**Eye Protection:** Suitable goggles or face protection should be worn wherever there is a risk of product powder or product/water mixture entering the eye. Contact lenses should not be worn when working with the products.

**Skin Protection:** Wear overalls and suitable closed footwear.

**Ventilation:** Use local exhaust or general dilution ventilation to control exposure within applicable limits.

### Stability and Reactivity

**Stability:** Stable under normal room temperature and conditions.

**Conditions to avoid:** Unintentional contact with water.

**Incompatibility:** RhinoGlide® plasters are incompatible with alkaline based products.

**Hazardous decomposition:** Will not spontaneously occur. Adding water will produce a slightly acidic solution.

**Hazardous polymerisation:** Will not occur



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### Composition

Composition is formulated from calcium sulphate hemihydrate, fillers, lightweight aggregates and other minor ingredients. The health and safety risks of the ingredients have been identified by the various suppliers to Saint-Gobain Construction Products, but have all been accepted as intrinsically safe within the confines of use. The minor ingredients referred to are at concentrations less than 1 %.

### Hazard Identification

#### The most important hazards are:

Gypsum based products are not classified as dangerous according to National legislation. Dust from handling may irritate the respiratory system, skin and eyes.

**Flammability:** Non Flammable

**Chemical hazard:** None

**Biological hazard:** None

**Reproduction hazard:** None

### Health effects

**Eyes:** Rinse eye with clean tepid water for 10 minutes or until irritation ceases.

**Skin:** Wash gently with lukewarm water and soap.

**Ingestion:** None

**Inhalation:** None

**Carcinogenicity:** None

**Mutagenicity:** None

**Neurotoxicity:** None

### First Aid measures

**Skin Contact:** Wash the affected area thoroughly with soap and water. If irritation continues seek medical advice. Clothing contaminated with wet product should be removed and washed thoroughly before re-use.

**Eye Contact:** Wash eyes immediately with plenty of clean water for at least 15 minutes and seek medical advice without delay.

**Inhalation:** Move affected person to fresh air. If nose or airways become inflamed, seek medical attention.

**Ingestion:** If swallowing has occurred do not induce vomiting. Give person plenty of water to drink. Seek medical attention.

### Ecological Information

Gypsum (including Phospho gypsum) is an approved product for soil conditioning in the agricultural trade when applied correctly. It is also utilized for water clarification. Stable product with no known adverse environmental effects.

### Toxicological Information:

Gypsum has been used in a wide variety of applications over a long period of time. In the dihydrate and hemihydrate form, it finds widespread use in medicine as plaster of Paris. There is no evidence of any long term effects associated with the dihydrate. No known toxicological effects.

### Disposal Consideration

Should be disposed of at a suitable landfill site compliant to the National Environmental Management waste Act (Act 59 of 2014) and the Atmospheric Pollution prevention Act (Act 45 of 1965 – Reviewed June 2009).



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