

# PCI GISOGRUND®

Multi purpose primer and bonding agent for walls and floors

## DESCRIPTION

**PCI Gisogrund** is a multi-purpose primer and bonding agent for walls and floors.

## RECOMMENDED FOR

- Walls and floors, indoor and outdoor
- Acting as a moisture barrier and primer for plaster, plaster slabs, gypsum fibre boards, plaster boards, aerated concrete, concrete, asphalt, render and brickwork before tiling, plastering or leveling
- Primer for anydrite screeds and building boards
- For priming absorbent substrates to protect subsequent materials from too rapid dehydration

## FEATURES AND BENEFITS

- **Solvent free- no harmful vapours**
- **Improves the strength of substrates and helps increase adhesion of tile adhesives and plasters**
- **Protects thin-bed mortars and levelling compounds from too rapid dehydration, extends the open time, improves adhesion and prevents formation of cracks caused by shrinkage**
- **Prevents formation of air bubbles when levelling floors with PCI Periplan or PCI Periplan Fein**

## TECHNICAL DATA

Material base	Modified acrylic resin dispersion
Components	1 part
Density	Approx 1.0g/cm <sup>3</sup>
Control colour	Blue

## SUBSTRATE PREPARATION

The substrate must be sound, clean and able to take weight. Oil stains, bond-breaking residues such as waterproof adhesive residues, cement paste and dirt must be thoroughly removed. Newly applied cement screeds must not have a moisture content above 4%.

## APPLICATION

**Priming and strengthening of absorbent mineral substrates, e.g. concrete, sand-cement screeds, gauged renders, aerated concrete, limestone or similar.**

1. Stir **PCI Gisogrund** well, dilute 1:1 with water and mix thoroughly.
2. Apply a sufficient quantity of diluted **PCI Gisogrund** with a brush or float to achieve a uniform coat.
3. In case of very absorbent substrates it is recommended to apply a second coat of **PCI Gisogrund**, diluted 1:1 with water to achieve a more

intensive strengthening and to avoid bubbles forming. Do not apply the second coat until the first one has completely cured.

4. After the primer has cured (scratch proof) apply tile adhesive, paint, plaster or the screed levellers **PCI Periplan** or **PCI Periplan Fein**.

**Priming and strengthening of gypsum based substrates, as well as screeds with old adhesive residues**

1. Stir **PCI Gisogrund** thoroughly prior to the application.
2. Apply a sufficient quantity of undiluted **PCI Gisogrund** with a brush or float to achieve a uniform coat. Avoid puddles forming!
3. Check strengthening and curing by scratching the surface. Do not apply tile adhesive, or the screed levellers **PCI Periplan** or **PCI Periplan Fein** until **PCI Gisogrund** has completely cured.

## NOTE

- Do not apply at substrate temperature below +5°C and above +30°C.
- In case of partial tiling the whole wall area should be primed (eg behind the bathtub or above the tile covering).
- **PCI Gisogrund** can be diluted 1:2 with water for the first coat on very absorbent substrates eg aerated concrete.
- The recommendations by the gypsum manufacturer as regards the maximum permissible moisture content, layer thickness of gypsum-based substrates and surface properties must be followed.
- **PCI Gisogrund** is not suitable for priming water-soluble adhesive residues (eg sulfite liquor adhesives). They must either be completely removed or primed with **Concresive 2525** (sprinkle with silica sand while still wet).
- Adhesive residues of old coverings must be completely removed before laying natural stones.

## CLEANING

Clean tools with water immediately after use. Once the product is cured it can only be removed by mechanical means. Note: Do not apply **PCI Gisogrund** in underwater situations.

## PACKAGING

**PCI Gisogrund** is available in 10 and 20 litre pails.

## SHELF LIFE

**PCI Gisogrund** can be stored for 12 months.



The Chemical Company

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## STORAGE

PCI Gisogrund should be stored in a cool and dry area. Do not allow to freeze.

## PRECAUTIONS

### General information on dispersion products

Do not allow dispersion to dry on the skin. Protect eyes if there is risk from splashing. In case of eye contact

thoroughly rinse with water. If the eye irritation does not ease off within a few minutes get prompt medical attention.

For the full health and safety hazard information and how to safely handle and use this product, please make sure that you obtain a copy of the BASF Construction Chemicals **Material Safety Data Sheet (MSDS)** from our office or our website.

## APPLICATION

Substrate Gypsum based substrates; screeds with old adhesive residues. Absorbent mineral substrates, eg concrete, sand-cement screeds, gauged renders, aerated concrete, limestone or similar	Consumption Approx. 6m <sup>2</sup> – 12.5m <sup>2</sup> per litre 1 <sup>st</sup> coat Approx. 5m <sup>2</sup> – 10m <sup>2</sup> per litre 2 <sup>nd</sup> coat Approx. 14m <sup>2</sup> – 20m <sup>2</sup> per litre	Mixing ratio undiluted  diluted 1:1 with water diluted 1:1 with water
Yield Gypsum based substrates; screeds, screeds with old adhesive residues. Absorbent mineral substrates, eg; concrete, sand-cement screeds, gauged renders, aerated concrete, limestone or similar	6.5-12.5m <sup>2</sup> /litre per coat  5-10m <sup>2</sup> /litre per coat	
Working temperature	+5°C to +30°C (substrate temperature)	
Curing times* - walkable after +application of second coat - ready for application of adhesives, levellers after	approx. 30-60 minutes approx. 60-180 minutes (depending on the absorbency of the substrate as well as temperature and humidity)	
Temperature resistance of cured film	-20°C to +80°C	

\* At 23°C and 50% relative humidity. Higher temperatures reduce, lower temperatures increase these times.

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## STATEMENT OF RESPONSIBILITY

The technical information and application advice given in this **BASF** publication are based on the present state of our best scientific and practical knowledge. As the information herein is of a general nature, no assumption can be made as to a product's suitability for a particular use or application and no warranty as to its accuracy, reliability or completeness either expressed or implied is given other than those required by law. The user is responsible for checking the suitability of products for their intended use.

## NOTE

Field service where provided does not constitute supervisory responsibility. Suggestions made by **BASF** either orally or in writing may be followed, modified or rejected by the owner, engineer or contractor since they, and not **BASF**, are responsible for carrying out procedures appropriate to a specific application.

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