

# PCI PERIPLAN® EXTRA

Levelling compound for timber floors under tiles, carpet and vinyl

## DESCRIPTION

**PCI Periplan Extra** is a floor-levelling compound for timber floors under tiles, carpet or vinyl.

## RECOMMENDED FOR

- For indoor use
- To produce smooth and level surfaces
- To level
  - timber floors
  - chipboards
  - mineral substrates
  - non absorbent substrates
- Prior to the installation of
  - ceramic and natural stone
  - carpet and vinyl floorings
  - parquet or laminate to be bonded
- For layer thicknesses from 3 to 60 mm.
- Suitable for warm water underfloor heating

## FEATURES AND BENEFITS

- **Fibre-reinforced**, helps reduce formation of cracks on timber flooring.
- **Self levelling**, therefore easy to apply with little effort.
- **Rapid curing**, already walkable after approx. 3 hours (at +23°C and 50% relative humidity).

## TECHNICAL DATA

Material base	Special cement with additives + fibre
Components	1 part
Consistency	Powder
Colour	Grey

## SUBSTRATE PREPARATION

- The substrate must be clean, dry, sound and able to bear weight. It must be free from paint and other bond-inhibiting residues such as wax.
- The moisture level of timber substrates must not exceed the equilibrium moisture content of 6 to 12 mass percent (depending on type of wood).
- The moisture content of wooden chipboards and/or OSB boards must not exceed 10%. The wooden chipboard (V 100 E1) or OSB board must be at least 25 mm thick (for floors) and screwed to the substructure at a distance of max. 40 cm. The edge joint must be at least 8 mm wide. The butt joints of the wooden chipboards must be glued. If the boards are less than 25 mm thick and the distance between beams exceeds 40 cm it is recommended to install

an additional reinforcement by means of the **PCI Armourmat GFM**.

- Loose, tongue or creaking boards must be fastened with screws. Solid timber substrates should be rough-sanded and thoroughly suction-cleaned. Fill joints, gaps and holes with acrylic joint sealant. Prevent connections to the wall by installing the self-adhesive barrier strip PCI Pectape Silent.

## PRIMING

Use **PCI Gisogrund 404\*\*** for priming. Shake well before use.

**Priming on Cementitious substrates-low absorbent.**

Use the **PCI Gisogrund 404** for priming in 2 applications, diluted 1:2 with water. Consumption\*\*\* at this rate is approximately 100-200 ml/m<sup>2</sup>.

Waiting time\* to dry is approximately 3 hours.

**Priming on Cementitious substrates-high absorbent.**

Use the **PCI Gisogrund 404** for priming in 2 applications, diluted 1:3 with water. Consumption\*\*\* at this rate is approximately 100-200 ml/m<sup>2</sup>.

Waiting time\* to dry is approximately 3 hours. \*\*Application instructions: see respective product data sheet. \*\*\*The

consumption of the primer is dependent on the absorbency and structure of the substrate. Untreated (raw) floorboards require a second layer of primer after the first one is dry. In this case use PCI Armourmat GFM in addition.

## APPLICATION

1. Place cool gauging water in a round, stable and clean mixing container. Add **PCI Periplan Extra** and mix with a suitable paddle attached to a high-speed electric drill for at least 3 minutes until lump-free.
2. Pour **PCI Periplan Extra** onto the dry, cured primer. Spread mortar with a surface scraper or trowel to the required layer thickness (from 3 to 60 mm).
3. Level and de-aerate **PCI Periplan Extra** with a suitable spiked roller during the application.
4. Avoid exposure to draught, extreme heat and direct sunlight during the application and curing process - for approx. 12 hours.
5. After approx. 1 day ceramic tiles can be laid on **PCI Periplan Extra** with PCI tile adhesives.
6. **PCI Periplan Extra** can be covered with carpet after approx. 1 day, with vapour-tight coverings after approx. 3 days depending on substrate and ambient conditions.

For more information about application, please obtain a copy of the BASF "Application Guide for **PCI Periplan Extra**" from your local representative.

## NOTE

- When laying ceramic and natural stone tiles on timber substrates a minimum layer thickness of 10mm is necessary.



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- Never add water or wet mortar to reconstitute a **PCI Periplan Extra** mix which has already begun to set.

## CLEANING

Clean tools, machines and mixing equipment with water immediately after use. Once the product has hardened it can no longer be removed with water.

## PACKAGING

**PCI Periplan Extra** is available in 25kg PE lined heavy-duty paper bag.

## STORAGE

**PCI Periplan Extra** should be stored in a dry and cool location. No permanent storage over +30°C.

## SHELF LIFE

Minimum six months when stored in dry condition.

## PRECAUTIONS

**PCI Periplan Extra** contains cement. Contact with moisture or gauging water sets off an alkaline reaction, which may cause skin irritation, and/or caustic burns to mucous membranes (e.g. eyes).

Low in chromates.

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

Consumption	approx. 1.6kg dry mortar per m <sup>2</sup> and mm layer thickness
Layer thickness -under textile and elastic soft floorings -under rigid floor coverings such as ceramic and natural stone	3 to 60mm 10 to 60mm
Working temperature	+5°C to +25°C
Mixing ratio	25kg of <b>PCI Periplan Extra</b> + approx. 5.25 litres to 5.5 litres of water
Mixing time	min 3 minutes
Consistency	fluid
Working time*	approx. 30 minutes
Curing time* - walkable after can be covered after: - ceramic tiles, carpets -vapour-tight coverings -parquet	approx. 3 hours  approx. 1 day approx. 3 days approx. 7 days at a residual moisture CM ≤ 2%

\* At +23°C and 50% humidity. Higher temperatures reduce, lower temperatures and higher humidity increase the times given

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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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