

# PCI FLOOR SMOOTHING COMPOUND

## Polymer Modified Floor Levelling Compound

### Description of Product

PCI FLOOR SMOOTHING COMPOUND is a two component floor levelling compound comprising a bag of powder and a bottle of polymer latex. When mixed it can be easily spread onto suitably prepared substrate in order to smooth out surface irregularities prior to laying final floor covering.

For interior use only.

### Fields of Application

For smoothing out irregularities in uneven floors, prior to laying tiles etc. Suitable surfaces are suspended concrete floors, concrete, stone, wood (see separate section regarding preparation and application ) and even sound adhesive remaining from previous installation.

### Features and Benefits

- Pre-batched for quality control. Only requires on-site mixing of Powder and Liquid components.
- Easy to use.
- Economical.
- Can be trowelled to a feather edge.
- Self smoothing.
- Sets hard within 3-4 hours depending on temperature.
- Coverings may be laid 24 hours after application.
- Wear-resistant.

- Added flexibility and water resistance.
- Non-dusting.
- Suitable for light (foot) trafficking only. (For heavier traffic areas please contact BASF Construction Chemicals (UK) Ltd's technical services department for advice.)

### Technical Data/Typical Properties

Appearance	Fine, grey granular powder & white latex
Pot life	> 20 minutes at 20°C
Setting Time	3 - 4 hours at 20°C

### Application Procedure

#### Preparation of Substrate

The floor to be treated must be free from dust, loosely adhering material, plaster and cement droppings, grease, oil and paint, and any contaminants which may prevent adhesion.

Surfaces should be primed with PRIMER G diluted with equal parts of clean water. Allow the Primer to become tacky before product application.



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#### Application over Timber Floors

Before application over timber floors, consider the factors involved:

- The timber floors must be strong enough to take the extra weight involved. It must also be remembered that timber floors may move differently or may flex when trafficked. In either case, unless the floor is adequately stiffened, the levelling compound and any subsequent covering may be affected.
- Penetration of water or chemicals must be prevented.
- Adequate ventilation to the underside of the floor must be provided to avoid conditions which could create fungal attack and/or excessive moisture movement.

Floor boards, after any necessary sanding down and repair, should be covered with other boards (such as 18mm marine ply) to provide a more level, stable and clean surface on which to apply the levelling compound.

**The ply should be screwed down, not nailed, at 300 mm centres in both directions to prevent flexing. Always seal timber floors with PRIMER G diluted 1:1 with water. Allow the primer to become tacky before application.**

#### Mixing

Stir PCI FLOOR SMOOTHING COMPOUND Liquid thoroughly before mixing. Gradually add the 25 Kg of Powder to the 5 litre of Liquid stirring continuously. Avoid the formation of lumps and mix to produce a creamy consistency. Use immediately.

#### Application

Spread evenly with a steel trowel to a **total** maximum thickness of 6 mm.

#### Coverage

25 Kg of PCI FLOOR SMOOTHING COMPOUND Powder, mixed with 5 litre of PCI FLOOR SMOOTHING COMPOUND Liquid will cover approximately 4 m<sup>2</sup> at a thickness of 3 mm.

#### Cleaning

Wash tools with water immediately after use. Hands should be washed with soap and water or, if material has dried, a suitable proprietary hand cleaner should be used.

#### Packaging

Available in 30 Kg units comprising a 25 Kg bag of Powder and a 5 litre bottle of Liquid.

#### Storage

Store in cool, dry conditions as for Portland Cement. Protect from frost

#### Shelf Life

1 year if stored as recommended by the manufacturer.

#### Watchpoints

Ensure adequate ventilation during use. Never reconstitute the mix after initial stiffening has taken place. Turn off under-floor heating and allow sub-floor to cool before application of PCI FLOOR SMOOTHING COMPOUND and do not switch on again for at least 24 hours after completion.

Allow PCI FLOOR SMOOTHING COMPOUND to cure for a minimum of 7 days before applying a final surface coating.

Floor coverings such as, carpet, vinyl, tiles, linoleum etc may be laid after 24 hours.

#### Health and Safety

\*For full information on Health and Safety matters regarding this product the relevant Health and Safety Data Sheet should be consulted.

The following general comments apply to all products.

As with all chemical products, care should be taken during use and storage to avoid contact with eyes, mouth, skin and foodstuffs, (which may also be tainted with vapour until the product is fully cured and dried). Treat splashes to eyes and skin immediately. If accidentally ingested, seek medical attention. Keep away from children and animals. Reseal containers after use.

#### Powder Products

Should be handled to minimise dust formation; use light mask if excessive dust unavoidable. Cement powders when wet or moistened can cause burns to skin and eyes which should be protected during use.

#### Spillage

Chemical products can cause damage; clean spillage immediately.



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In view of widely varying site conditions this data sheet is meant to provide general application guidelines only. Any recommendation or information issued by us constitutes a preliminary and accessory contractual obligation only. Users must satisfy themselves regarding the applicability of the content to their own particular requirements. Please contact our Advisory Service for special requirements. Liability is accepted for incomplete or incorrect particulars in our information material only in the event of intent or gross negligence, without prejudice to claims under product liability laws. All transactions are subject to our Terms of Sale and Supply. Any subsequent publication supersedes this edition. **Edition December 2006.**

**PCI**<sup>®</sup>  
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