

Cementitious

PCI Floor Levelling Compound

For smoothing surfaces prior to laying final coverings

PCI Floor Levelling Compound

(Note: This product is NOT recommended as a final wearing surface)

Description of Product

PCI Floor Levelling Compound is a cementitious floor levelling and smoothing compound in powder form requiring only the addition of water.

PCI Floor Levelling Compound can be easily spread on to suitably prepared stable substrates in order to smooth surfaces, prior to laying final floor coverings.

This product is not designed as a final wearing course to receive traffic and must be covered with tiles, lino, carpet etc.

Fields of Application

- For levelling and smoothing concrete and screeded floors prior to laying final wearing, coverings such as carpets, sheet vinyl, tiles etc.

Features and Benefits

- Self smoothing
- Sets hard within 2 - 3 ½ hours depending on temperature
- Coverings may be laid 6-8 hours after application
- Pre-blended requiring only the addition of water
- Easy to use
- Economical
- Can be trowelled to a feather edge

Technical Data/ Typical Properties

Appearance	Grey granular powder
Pot life	20 minutes at 20°C
Setting time (Vicat)	<3 ½ 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.

All surfaces should be sealed using FEBOND PVA, diluted with water at a rate of 1 part FEBOND PVA to 3 parts water.

Priming

All surfaces including very smooth, non porous surfaces (such as terrazzo or quarry tiles) should be sealed using FEBOND PVA at a rate of 1 part FEBOND PVA to 3 parts water. For extremely porous surfaces it may be necessary to apply a number of coats to seal the surface. Allow the sealing coat(s) to dry.

Prior to laying PCI Floor Levelling Compound apply a bonding coat of 1 part PVA to 2 parts water and allow to become tacky.

Mixing

Slowly add 4 parts of PCI Floor Levelling Compound to one part of water and stir to a creamy consistency using suitable mixing equipment.



The Chemical Company

Application

- Whilst the bonding coat is tacky, apply a small amount of the mixed PCI Floor Levelling Compound onto the prepared surface and trowel to a thin coating.
- Follow immediately with further coat(s), to a total maximum thickness of 6mm.
- Further layers should not be applied.
- After initial hardening, usually with 3/4 - 1 hour, the surface may be sprinkled with water and trowelled tightly to produce a final smooth surface (do not apply too much water and avoid over-trowelling).

Caution

- Do not mix more than can be laid in 20 minutes. The free-flowing properties of PCI Floor Levelling Compound are reduced after 10 minutes and workability will be lost after 30 minutes.
- Never reconstitute the mix after initial stiffening has taken place.
- Do not work below 4°C. Always turn off under-floor heating and allow sub-floor to cool and do not switch it on again for at least 24 hours after completion.
- Do not allow to dry too quickly in hot weather.

Equipment

A plaster mixing tool is appropriate for mixing PCI Floor Levelling Compound.

Coverage

1.5-2 Kg per m² at a thickness of 1.5 mm depending on surface.

Cleaning

All tools and equipment should be cleaned with water. Cured material can only be removed by mechanical means.

Packaging

Available in 25 Kg sacks.

Storage

Store in cool, dry conditions as for Portland cement.

Shelf life

One year when stored as recommended by the manufacturer.

Watchpoints

- All floors indicated shall be smoothed with PCI Floor Levelling Compound manufactured by BASF Construction Chemicals (UK) Ltd, or similar approved, composed of cement-based powder with filler and organic additives.
- The material should be applied strictly in accordance with manufacturer's instructions.

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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