

LEVELMASTER STANDARD SELF-LEVELLING COMPOUND

Water-Based Cementitious Internal Levelling Compound

Technical Data Sheet



LEVELMASTER RANGE

CLASS
CT-C16-F4

Description:

A one part, cementitious, chloride/protein-free, levelling compound. When mixed with water it provides a smooth, level base for most common internal floor types such as concrete and sand/cement screed. Conforms to EN 13813:2002, Class CT-C16-F4.

Features & Benefits:

- ◆ **Self-smoothing.**
- ◆ **Accepts foot traffic after 3-4 hours depending on temperature and humidity.**
- ◆ **Preblended, requiring only the addition of water.**
- ◆ **Single pack and easy to use.**
- ◆ **Can be applied up 6mm thickness.**
- ◆ **Internal use.**

Uses

LevelMaster STANDARD is an ideal underlay for levelling most common internal subfloors prior to the installation of floor coverings. Note: Not suitable for use with under floor heating installations or areas subject to limited movement / vibration, unless used in conjunction with LevelMaster LATEX LIQUID. Alternatively, LevelMaster AD-FLOOR, LevelMaster AD-FLOOR PLUS or LevelMaster FIBRE PLUS should be used. This product is not designed as a final wearing course to receive traffic and must be covered with either tiles, lino, vinyl, carpet, etc.



Limitations

Do not use at temperatures below +5°C or above +30°C. High temperatures will reduce the open time. Cold or humid conditions will slow the drying times. LevelMaster STANDARD does not provide a final wearing surface and must be covered with a floorcovering (ceramic tiles, wood flooring or carpet). Not suitable for use in conjunction with underfloor heating systems. Do not mix more material than can be used in 10 minutes

Preparation

Surfaces must be clean, dry, structurally sound and free from grease, oil, paint, polish or any other contaminate that may hinder adhesion. Porous surfaces should be dampened down (without pooling or standing water). Very absorbent surfaces should be primed with a waterproof primer such as Bond It PRIMER & FLEXIBLE ADMIX or SBR. Wooden floors should be overboarded with 15mm exterior grade plywood rigidly fixed with screws at 300mm centres. The plywood should be primed as for very porous surfaces. Anhydrite/calcium sulphate screeds should be sanded and vacuumed before priming with 2 coats of Bond It

PRIMER AND FLEXIBLE ADMIXTURE and left to dry for 24 hours prior to application.

Note: PVA is not suitable for priming surfaces prior to application of LevelMaster STANDARD.



Mixing

Use 3.6L of clean water for every 20Kg bag of LevelMaster STANDARD. Slowly add the powder to the water while stirring with a suitable slow speed drill or paddle. When using LATEX LIQUID refer to dosage on bottle.

Application

Pour the mix onto the subfloor within 10 minutes of mixing to a maximum thickness of 6mm. Use a flooring trowel or float to promote a smooth surface. This product can be built up to 10 - 12mm in thin layers, ensuring that the previous layer has fully hardened / cured. Allow adequate ventilation during curing. LevelMaster STANDARD will accept light foot traffic after 4 hours; however, floor coverings should not be laid for 24 hours (longer when used in conjunction with LATEX LIQUID).

Cleaning

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

Size

10 and 20kg paper sacks.

Coverage

Depends upon the condition of the subfloor surface, however, a 20Kg bag will cover approximately 3.6m² at a depth of 3mm.

Colour

Grey powder.

Shelf Life

12 months from date of manufacture, before the date shown on the bag when stored in unopened sacks.

Storage Conditions

Keep in unopened, original bags away from extremes of temperature, draughts and in dry conditions. Store clear of the ground at temperatures between +5°C and +30°C. Ensure part-used bags are resealed.



Disposal Of Containers

Do not leave empty containers where residue could be harmful to children, animals or the environment. Remove any bags or used material to a central disposal point in accordance with local regulations.

Health & Safety

Please refer to separate safety data sheet (SDS) for full handling, use and storage instructions. Keep out of reach of children. It is the user's responsibility to determine suitability for use. If in doubt, contact our Technical Department for advice.

Note: this information is for general guidance only, since site conditions and labour are beyond our control.

Specification Summary

| | |
|----------------|---|
| Appearance | Grey granular powder |
| Flammability | Non-flammable |
| Setting Time | Foot traffic in 4 hours |
| Wet Density | 2g/ml |
| Thickness | 6mm per layer, up to 12mm in multiple layers. |
| Commodity Code | 38160000 |

Product / Order Details

| Code | Colour | Size | Barcode | UFI |
|---------|--------|------|---------------|---------------------|
| BDH100B | Grey | 10Kg | 5060021361318 | GN20-K02W-A000-WSEC |
| BDH102B | Grey | 20Kg | 5060021363282 | GN20-K02W-A000-WSEC |



Part of the Bond It LevelMaster Range

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BOND IT

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EN13813 CT-C16-F4

Cementitious screed material for use internally in buildings.

| | |
|---------------------------------|----------|
| Reaction to fire | Class A1 |
| Release of corrosive substances | CT |
| Water Permeability | NPD |
| Water Vapour Permeability | NPD |
| Compressive Strength | C16 |
| Flexural Strength | F4 |
| Wear Resistance | NPD |
| Sound Insulation | NPD |
| Sound Absorption | NPD |
| Thermal Resistance | NPD |
| Chemical Resistance | NPD |

Note: The data presented in this leaflet is in accordance with the present state of our knowledge, but does not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies raw materials are also being used. The recommendations do not absolve the user from the obligation of investigating the possibility of infringement of third parties rights and, if necessary clarifying the position. Recommendations for use do not constitute a warranty, either expressed or implied, of the fitness or suitability of the products for a particular purpose.



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