



Bona H660

Cementitious self levelling compound



Bona H660 is a cementitious, acrylic polymer enhanced, self-smoothing, levelling compound for application below resilient floor coverings, textile floorings and solid cork tiles. It can also be used below parquet. Bona H660 can be applied up to 10 mm in one step. For thicknesses from 10mm up to 20mm dry quartz sand may be added to the mix.

- Self levelling
- Self-smoothing
- Quickly walkable
- Applicable in a thickness layer from 1 to 10 mm (with Quartz sand up to 20 mm)
- From 1 mm suitable for castor wheel friction (DIN EN 12 529)
- Pumpable
- Suitable for underfloor heating
- Very low emissions EC1

Technical Data

Base: Cement, synthetic resins

Color: Grey

Layer thickness: 1-20 mm

Water needs: Ca. 6.5 to 7 litres cold water to 25 kg powder

Slack time: Ca. 3 min. Re-stir!

Pot life: Ca. 30 min.*

Consumption: ca. 1.4 kg/m²/mm

Walkable: after approx. 90-120 minutes*

Ready for installation: from about 14 hours*

EMICODE: EC1

GISCODE: ZP1

Classification: C27/F6.5**

Cleaning: Water. Hardened material can only be removed mechanically.

Storage/Transport: Do not store below +5 °C or above +25 °C. Store in a cool, dry, well ventilated place.

Pack size: 25 kg paper bag

Shelf life: 6 months in unopened bag from the date of manufacture

Disposal: Wastes and emptied container should be handled in accordance to local regulations.

* at +20°C and max. 65 % RH.

** values are approximate and were determined according to DIN EN13892 after 28 days using standard prisms (format 40 mm x 40 mm x 160 mm).

Subfloor Preparation

The substrate must be even, totally dry, clean, free from cracks, physically sound and have a slightly textured surface. If necessary, it should be professionally prepared for laying. Substrates should be treated with a suitable primer such as Bona D515 or R590.



Bona H660

Cementitious self levelling compound

Suitable Subfloors

- Cementitious screed (CT) according to EN 13813
- Calcium sulphate screed (CA) according to EN 13813
- Mastic asphalt screed (AS), IC10, according to EN 13813, do not apply thicker than 5 mm
- Concrete
- Fixed and screwed OSB/2, OSB/4 or Chipboards P4 and P6
- Other dry and sound subfloors such as gypsum fibre boards or precast screeds
- Existing ceramic and natural stone coverings
- Magnesia- and stonewood screeds

Processing

Pour cold, clean water into a mixing bucket. Then gradually add the powder while mixing with an electric mixer at a max of 600 RPM. Mix to a homogenous, lump-free consistency. The mixture should be of a uniform colour. After a slack time of ca. 3 minutes, mix the compound again with the electric mixer. Using a flat-edged hand trowel, a steel straight edge or similar tools, apply the material during the pot life of ca. 30 min. on the floor surface..

Mixing ratio:

Normal levelling compound (thickness 1 to max. 20 mm): ca. 6.5 – 7.0 litres water to 25.0 kg levelling compound powder. Note: If used below wood flooring, mix the compound with max. 6.5 litres water! For thicknesses of 10 - 20 mm dry quartz sand (0.3 – 0.8 mm, max. 8 kg to 25 kg powder) may be added to the levelling compound. This extra material must be added to the mix as the last component. Adding quartz sand will extend the drying time significantly. If a second layer of levelling compound is required on the previous layer, the best time is after setting, approx. 3 hours after the first application. If the first layer is dry, use Bona D515 primer to ensure adhesion. Take care that curing layers are protected from heat (e.g. high room temperatures, intensive sun light) and draught. Note! The tools must be clean. Also, please take also note of the separate instructions supplied by the parquet- or flooring supplier.

Important Notes

- The drying of the levelling compound depends on many factors, such as: the thickness of application, absorpency of the substrate and the respective climatic conditions. High temperatures, low relative humidity, sun radiation and highly absorbent subfloors accelerate the drying process, whilst low temperatures, high relative humidity and non-absorbent substrates decelerate it. Take care to ensure good air flow and ventilation.
- When exposed to castor wheels, a minimum thickness of 1 mm must be applied.
- Follow all local standards and codes of practice.
- Not suitable on floors exposed to permanent moisture rising such as ground level floors without basement or DPM.
- Observe also the processing instructions of all the respective Bona products being used in the build up
- Cementitious levelling compounds must not come into contact with pipes (galvanized steel) – risk of corrosion!
- To increase the tensile and flexural strength, Bona Fibers (0.25 kg) can be added.
- For interior use only.

Bona takes only responsibility for the delivered product; no responsibility can be taken for the total installed product. If in doubt, conduct a test or a trial. Observe also other Bona product datasheets.