



Bona H600

Cementitious levelling compound



Bona H600 is a cementitious, acrylic polymer enhanced, self-smoothing, rapid hardening levelling compound for the application below mosaic parquet, lam parquet, multi-layer parquet and solid parquet. Also, it is usable below resilient floor coverings, textile floorings and solid cork tiles. Bona H600 can be applied up to 20 mm in one step. If applied on mastic asphalt a max. layer thickness of 10 mm must not be exceeded..

- Self levelling
- Self-smoothing
- Low shrinkage & tension
- Quickly walkable
- Very smooth surface, reduces the adhesive consumption
- Could be covered from after 12 hours
- Applicable in a thickness layer from 1 to 20 mm
- From 1 mm suitable for castor wheel friction (DIN EN 12 529)
- High filling properties
- Pumpable
- Suitable on underfloor heating
- Very low emissions EC1 Plus

Technical Data

Base: Cement, synthetic resins

Color: Light grey

Layer thickness: 1-20 mm

Water needs: 6.5 liter cold water

Slack time: ca. 5 min. Re-stir!

Pot life: ca. 30 min.

Consumption: ca. 1.4 kg/m²/mm

Walkable: after approx. 1.5 to 2 hrs

Ready for installation:

At 1 - 10 mm after approx. 12 hrs., at 10 - 20 mm after approx. 24 hrs. for elastic and textile floorings;

24 hrs. for wooden floors.

EMICODE: EC1 Plus

GISCODE: ZP1

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.

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, D520, R410 or R590. Unevenness, holes etc. must



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be filled with Bona H610. Use Bona Expansion Strips to avoid the building of sound bridges.

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 10 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 add gradually 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 a uniform color showing. After a slack time of ca. 5 minutes, mix the compound again with the electric mixer.

Spread the material during the pot life of ca. 30 min. on the floor surface. Use a flat-edged hand trowel, a steel straight edge or similar tools. After application to a thickness greater than 10 mm the removal of entrapped air with a spiked roller is recommended. Wash tools and hands with water while material is still uncured.

Note: If used below wooden floors, we recommend applying the compound to a thickness of at least 2 mm.

Mixing ratio:

Normal levelling compound (thickness 1 to max. 20 mm): ca. 6.5 liter water to 25.0 kg levelling compound powder. For thicknesses above 10 mm the levelling compound can be spun out with dry quart sand (0.3 – 0.8 mm, max. 8 kg to 25 kg powder). This extra material must be added to the water / powder mixture as the last component. Adding quart 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 primer Bona D515 (mixing ratio 1:1).

Take care that curing layers are protected from heat (e.g. high room temperatures, intensive sun light) and draught.

Subsequent treatment / Sanding

For an optimal adhesion of the adhesive to the levelling compound it is recommended to sand the levelling compound slightly approx. 4 hours after installation. This is especially important if Bona D750 is going to be used for the installation of LVT floorings or the installation of other floor coverings. 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, absorbency of the substrate and the respective climatic conditions. High temperatures, low air humidity, sun radiation and highly absorbent subfloors accelerate the drying process, whilst low temperatures, high humidity levels 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.
- Respect 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 the processing instructions as well of the respective Bona products being used additionally.
- Cementitious levelling compounds must not come into contact with metal heating 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.