



Bona H600

Cementitious self levelling compound



Bona H600 is a rapid set, cementitious, acrylic polymer-enhanced, self-smoothing, levelling compound for use beneath mosaic parquet, laminate parquet, multi-layer parquet and solid parquet. It is also suitable beneath resilient floor coverings, textile floor coverings and solid cork tiles. Bona H600 can be applied up to 20 mm in one step; when applied over mastic asphalt, a maximum layer thickness of 10 mm must not be exceeded.

- Self levelling & self smoothing
- Low shrinkage & low tension
- Quickly walkable
- Very smooth surface, which can reduce adhesive consumption
- Can be covered after 12 hours
- Applicable in layer thicknesses from 1 to 20 mm
- Suitable from 1 mm for castor wheel exposure (EN 12529)
- High filling properties
- Pumpable
- Suitable for use with underfloor heating
- Very low emissions EMICODE: EC 1^{PLUS}

Technical Data

Base: Cement, synthetic resins

Color: Light grey

Layer thickness: 1–20 mm

Water requirement: 6.5 litres cold water per 25 kg

Slack time: approx. 5 minutes

Pot life: approx. 30 min.*

Consumption: approx. 1.4 kg/m²/mm

Light foot traffic: after approx. 1.5 to 2 hours*

Ready for installation: For elastic and textile floorings at 1–10 mm after approx. 12 hours, and at 10 - 20 mm after approx. 24 hours *

For wood flooring 1–20 mm after approx. 24 hours*

EMICODE: EC 1^{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 sack

Shelf life: 9 months in unopened packaging from the date of manufacture

Disposal: Waste and emptied packaging should be handled in accordance with local regulations.

* at +20 °C and max. 65 %RH.



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Subfloor Preparation

The subfloor must be sound, dry, permanently dimensionally stable and free from cracks, dust, laitance and other contamination. Where applicable, the subfloor must comply with relevant local standards and codes of practice. If these conditions are not met, the substrate must be suitably prepared and any deficiencies rectified prior to levelling.

The subfloor construction must include a functioning structural damp proof membrane within the subfloor build-up. Bona H600 is not suitable for use on subfloors subject to rising moisture.

To avoid the creation of sound bridges, ensure perimeter isolation is maintained. Where required, install Bona expansion strips at walls, columns, pipe penetrations and other upstands before applying Bona H600.

Slots, holes and surface defects must be repaired and fully filled using a suitable Bona repair mortar. Old adhesive residues and other contaminants should ideally be completely removed prior to levelling. Where complete removal is not possible, remaining residues must be isolated using a suitable Bona primer in accordance with the relevant Technical Data Sheet.

Priming is mandatory prior to application of Bona H600 and must be carried out using a suitable Bona primer. Where moisture suppression is required due to residual construction moisture, use a Bona primer suitable for this purpose. Refer to the relevant Bona Technical Data Sheets for primer selection and application guidance.

Ensure that any preparatory products used (repair mortars or primers) are fully cured prior to application of Bona H600.

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, sound subfloors such as gypsum fibre boards or precast screeds panels

Application Instructions

During application and curing, suitable climatic conditions must be maintained. Avoid application at substrate or ambient temperatures below 15 °C or above 25 °C. Protect the fresh levelling compound from direct sunlight, draughts and rapid drying. High relative humidity and low temperatures will prolong drying and readiness for installation times, while low relative humidity and high temperatures will reduce them.

Pour cold, clean water (6.5 litres) into a mixing bucket. Gradually add one 25 kg bag of Bona H600 while mixing with an electric mixer at a maximum speed of 600 rpm, until a homogeneous, lump-free compound is obtained. Allow the material to stand briefly, then remix before application. Do not exceed the stated water ratio.

To increase the tensile and flexural strength, Bona Fibers (0.25 kg) may be added to the mixed levelling compound. The fibres must be evenly distributed throughout the mix.

For levelling thicknesses of 10–20 mm, dry quartz sand with a grain size of 0.3–0.8 mm should be added to the mixed levelling compound, up to a maximum of 8 kg per 25 kg bag. The quartz sand must be added as the final component of the mix.



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The addition of quartz sand will significantly extend the drying and readiness for installation time.

Pour the mixed levelling compound onto the substrate and spread evenly using a suitable smoothing trowel or rake. Apply Bona H600 to the required thickness in a single operation. Avoid interruptions during application in order to maintain a uniform surface. When exposed to castor wheels, a minimum thickness of 1 mm must be applied.

If a second layer of levelling compound is required, it may be applied wet on wet. If the first layer has already dried, an intermediate priming using Bona D515 (mixed 1:1 with water) is essential prior to application of the subsequent layer.

Once cured, the levelling compound may be mechanically abraded if required prior to subsequent installation steps. Where optimal adhesion of the adhesive to the levelling compound is required, abrade the levelling compound lightly once sufficiently cured (normally after approx. 4 hours, depending on layer thickness and site conditions), particularly prior to the installation of LVT or other floor coverings using Bona D750. Ensure that all tools are clean. Observe the installation instructions of the parquet or flooring manufacturer.

Observe the drying and readiness for installation times stated in this Technical Data Sheet before proceeding with the installation of floor coverings.

The information in this document and all other advice and recommendations that we provide to help and assist the applicator are based on previous experience and extensive testing but make no claim to be complete. Because of the wide range of possible uses and conditions of application of our products, we do not relieve users from the need to carry out their own trials or to seek technical advice from Bona before use. Bona can only guarantee its products and not the construction as a whole. Follow the recommendations from the flooring manufacturer and the provisions of relevant standard.

Important Notes

- Bona H600 is intended for interior use only.
- Bona H600 is not suitable for areas subject to permanent moisture exposure.
- Avoid direct contact with metal pipes or metal components. Where required, protect metal elements to prevent corrosion.

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This data sheet replaces all previous versions
Please check bona.com to ensure that you have the latest version.