

# Bona H600

## Technical data sheet

H600 is a cementitious, self-smoothing, rapid hardening levelling compound especially for the application under mosaic parquet, lamparquet, multi-layer parquet and solid parquet.

Only for interior use.

Special Properties are:

- Self levelling
- Self smoothing
- High strength and hardness
- Low shrinkage
- Low tension
- Could be covered after 24 hours
- Applicable in a thickness from 1,5 to 10 mm, for bigger thickness the material could be spun out
- Cement-based
- Levelling compound
- Smoothing compound
- Self-smoothing
- Polishable
- High filling properties
- Pumpable
- Crack-free
- Makes surfaces ready to receive floor coverings in one single operation

### Technical data

Base:	Cement
Color:	Grey
Consumption:	1.5 kg per m <sup>2</sup> and mm
Pot life:	30 min
First load (walking):	after approx. 3 hours
Covering: (10-20mm)	after approx. 24 hours (1,5-10mm) after approx. 48 hours
GISCODE:	ZP1
Ecode:	EC1R
Cleaning agent:	Water (only for fresh product!)
Storage:	not below +5 °C during Winter, below +30 °C in Summer
Shelf life:	12 months
Pack Size:	25 kg paper sacks (40 per pallet)

Additional detailed information is noted in the appropriate Safety Data Sheet.

### Preparations

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 D510, D530 (not for Calcium sulphate screed) or R410 (broadcast sand, always necessary!) as a primer. Unevenness, holes etc. have to be filled with H610 or with spun out (see below) material.

Suitable substrates are (even with underfloor heating):

- Cementitious screed (CT) according to EN 13813
- Calcium sulfate screed (CA) according to EN 13813
- Mastic asphalt screed (AS) according to EN 13813 not thicker than 5 mm

Fastening



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Fastening



### Application

Working temperature: above +5°C

Pour cold, clean water into a clean bucket. Then add gradually the powder while mixing slowly. Mix to a homogenous, lump-free consistency. The mixture should be a uniform colour showing no evidence of polymer segregation. Spread the material during the pot life time (30 min) on the floor surface. Use a flat-edged hand trowel, a steel straight edge or similar tools. After application in a thickness higher than 5 mm the removal of en-trapped air with a pin-roll is recommended. Wash tools and hands with water while material is still uncured.

For thicknesses above 10 mm the levelling compound must be spun out with dry sand (see below). This extra material must be added to the water / powder mixture as the last component.

Mixing ratios:

Normal levelling compound (thickness 1,5 to max. 10 mm):

ca.5,75 l Water

25.0 kg levelling compound powder

Spin out levelling compound (thickness 10 to max. 20 mm):

ca.5,75 l Water

25.0 kg levelling compound powder

16.0 kg (= 65 weight-%, a 10 l bucket) Sand (grain 0 to 3 mm)

If a second layer of levelling compound should be applied, the best time is after setting, approx. 3 hours after the first application. If the first layer is dry, use primer D510.

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.

Note! The tools must be clean.

### Consumption

Consumption: 1.5 kg/(m<sup>2</sup> mm)

Pot life: 30 min

First load (walking): after approx. 3 hours

Covering: layers up to 10mm after approx. 24 hours, for thicker layers the drying time is 48 hours

Please also refer to the instructions for use provided by the parquet manufacturer.

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.