



Bona H610

Cementitious repair mortar



Bona H610 is a rapid setting and drying, slump free mortar for internal repairs. Ideal for filling holes and cracks in screeds, repairing and refacing internal concrete stair treads and risers, cement and sand screeds, concrete floors or making good around pipe work, door and window frames.

- Rapid hardening and drying – can be covered after 60 - 90 minutes
- From 1 mm suitable for castor wheel friction (DIN EN 12 529)
- Low tension
- Very low emissions EC1 Plus
- Suitable on underfloor heating

Technical Data

Base: Cement, synthetic resins

Color: Grey

Layer thickness: No limitation

Water needs: Ca. 5 liter cold water to 25 kg powder

Slack time: No slack time

Pot life: ca. 15-20 min.

Consumption: ca. 1.6 kg/m²/mm

Walkable: after approx. 30 minutes

Ready for installation:

after approx. 60- 90 minutes

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: 9 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.

Suitable Subfloors

- Cementitious screed (CT) according to EN 13813
- Calcium sulphate screed (CA) according to EN 13813
- Mastic asphalt screed (AS) according to EN 13813, do not apply any thicker than 5 mm
- Other dry and sound subfloors such as gypsum fibre boards or precast screeds
- Magnesia- and Stonewood screeds



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Processing

Apply at temperatures above + 5°C. 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. Spread or fill the material during the pot life of 15 to 20 min on the substrate. Use a flat-edged hand trowel, a steel straight edge or similar tools. After 20 to 30 minutes the compound can be modulated or smoothed out with a damper trowel. Wash tools and hands with water while material is still fresh.

Mixing ratio:

Normal levelling compound (thickness 1,5 to max. 5 mm): ca. 5 liters water to 25.0 kg levelling compound powder. A following application of a Bona self levelling compound can be carried out when Bona H610 is walkable but still moist. If in doubt, or the first layer is dry, a suitable primer such as Bona D515 must be applied. Take care that curing layers are protected from heat (e.g. high room temperatures, intensive sun light) and draught. Application tools must be clean!

Important Notes

- For widespread application in thicknesses above 5 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.
- Spun out levelling compound ca. 5 liters water 25.0 kg levelling compound powder
- ca. 8 kg (1/3) quart sand (grain 0.4 - 1 mm)
- Respect local standards and codes of practice
- Observe the processing instructions as well of the respective Bona products being used additionally.
- When exposed to castor wheels, a minimum thickness of 1 mm must be applied.
- 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.

17.07.2023 With the publication of this data sheet all previous product information on this product lose their validity