



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 minutes
- Suitable under all floor coverings including wood flooring
- Fine grade repair mortar with feather finish; no practical layer thickness limitation
- Suitable for castor wheel friction (EN 12529) in thicknesses greater than 1 mm.
- Low tension
- Very low emissions EMICODE: EC 1^{PLUS}
- Suitable for use on underfloor heating

Technical Data

Base: Cement, synthetic resins

Color: Grey

Layer thickness: Below wood flooring at least 2 mm, otherwise no limitations.

Water requirement: approx. 5–5.5 litres cold, clean water per 25 kg sack.

Slack time: None

Pot life: approx. 15–20 minutes.

Consumption: approx. 1.6 kg/m²/mm

Light foot traffic: after approx. 30 minutes

Ready for installation: after approx. 60–90 minutes

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 to local regulations.

* at +20 °C and max. 65 % RH.

Subfloor Preparation

The subfloor must be sound, dry, clean and free from dust, cracks and other contamination. Where applicable, the subfloor must comply with relevant local standards and codes of practice. Loose or weak areas must be removed prior to application.

Subfloors must be primed with a suitable Bona primer, such as Bona D515 or Bona R590, in accordance with the relevant Technical Data Sheet. Where moisture suppression is required due to residual construction moisture, use a Bona primer suitable for this purpose.



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Suitable Subfloors

- Cementitious screed (CT) in accordance with EN 13813
- Calcium sulphate screed (CA) in accordance with EN 13813
- Mastic asphalt screed (AS) in accordance with EN 13813, do not apply any thicker than 5 mm
- Other dry and sound subfloors such as gypsum fibre boards or precast screed panels

Application instructions

Apply at substrate and ambient temperatures above +5 °C.

Pour 5–5.5 litres of clean, cold water into a suitable mixing bucket. Gradually add the powder while mixing with an electric mixer at a maximum speed of 600 rpm until a homogeneous, lump free consistency is achieved. The mixture should be uniform in colour.

Apply Bona H610 within the pot life of approximately 15–20 minutes using a flat edged trowel, steel straight edge or similar tool. After approximately 20–30 minutes, the surface may be shaped or finished using a damp trowel if required.

When exposed to castor wheel traffic, a minimum layer thickness of 1 mm must be applied.

For larger areas or layer thicknesses above 10 mm, sharp quartz sand (0.3–0.8 mm) may be added, up to 8 kg per 25 kg bag. The quartz sand must be added as the final component of the mix.

Bona H610 is walkable after approximately 30 minutes and ready for installation after approximately 60–90 minutes, depending on climatic conditions.

If further levelling is required, Bona self smoothing levelling compounds may be applied once Bona H610 is walkable but still moist. If the surface has dried, intermediate priming with Bona D515 is required prior to application of the levelling compound.

Protect curing layers from excessive heat, direct sunlight and draughts. Ensure adequate ventilation during curing.

Important

- For interior use only.

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. Observe recommendations from the flooring manufacturer and the provisions of relevant standards.