

Standard Specification paragraphs:

Bona R580



The undernoted paragraphs are designed to provide a starting point for the specification of Bona products for timber flooring. Contractors should be encouraged to obtain product data and SDS information *in addition* to these paragraphs.

Preparation

The substrate must be even, clean, free from cracks and physically sound. Prior to application the floors should be sanded, to remove any laitance and other loose weak material. The surface should not be "obviously wet". N.B. R580 cannot be used on a subfloor where bitumen compounds are present. Such surfaces must be mechanically prepared before any works are undertaken.

Application

For the optimum performance the following climatic conditions should be met. If lower temperatures or higher humidity is experienced drying / curing periods may be extended.

- Air temperature: min. 18° C
- Floor temperature: min. 15° C (underfloor heating max. 20)
- R.H: max. 70 %

R580 should be applied evenly using a fine notched trowel, Bona 500 F (TKB A3) or similar at a rate of between 500 - 1000 g / m². The application rate will vary dependent upon the 'roughness' of the substrate. After a minimum 4 hours setting time the timber flooring can be laid.

NB. It is usual for the surface of R580 to have a slightly 'sticky' feel. The trowel used to apply the adhesive must be 'lubricated' with R850T or R848T and care taken during the process so as not to damage the applied R580 surface.

Levelling compound

If the floor is uneven and requires levelling with a levelling compound Bona recommends that the moisture barrier, R580, is applied first. This is to ensure compatibility as not all levelling compounds are suitable for use beneath a moisture barrier due to the presence of additives, such as SBR, that may reduce the adhesion of the moisture barrier to the substrate.

Where levelling compound is used the R580 must be applied first, with a consumption of approximately 500 g/m². Clean quartz sand (grain size: 0.3 - 0.8 mm) must then be broadcasted, in excess, (approx. 2 kg /m²) into the fresh wet R580.

Once the R580 has hardened any surplus sand must be removed by grinding, sweeping and vacuum cleaning as required prior to the levelling compound being applied.

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