

Standard Specification paragraphs:

Bona R850

The undernoted paragraphs are designed to provide a starting point for the specification of Bona finishes for timber flooring.

Specifiers should choose which application system to use as appropriate – either with a moisture barrier and the **Standard application** or using the **Bona Trowel Plus** system where residual moisture may be potentially an issue.

For floors where moisture is not a factor then the **Standard application** can be chosen. Contractors should be encouraged to obtain product data and SDS information *in addition* to these paragraphs.

Preparation

The substrate must be even, dry to the touch, clean, free from cracks and physically sound. It should also be slightly textured. If necessary it should be professionally prepared for laying.

If a moisture barrier is required for a cementitious screed / concrete prior to the installation of the timber floor Bona R580, R410 or R540 should be used. Detailed information can be found in the appropriate product datasheet. Separate specification paragraphs are available for moisture barrier installation.

Alternatively on floors with up to 90% moisture content Bona R850 may be used as a combined moisture barrier + installation system – see Application.

N.B. When supplied in a 15 KG tub R850 is protected by a foil, which must be removed together with any hardened material prior to use.

Application

Standard installation - The adhesive should be applied evenly using a notched trowel appropriate to the flooring being laid.

Moisture barrier + installation – The adhesive should be applied evenly using a Bona Trowel Plus applicator. This is designed to ensure complete coverage of the concrete floor surface, leaving a 2 mm layer of adhesive, to act as a moisture barrier, whilst creating a rib structure as with a normal trowel application. NB The Bona Trowel Plus system can only be used where moisture levels are below 95%.

Measurement of the moisture content of the flooring should be carried out prior to application. Assessment of the suitability and selection of a treatment schedule, as detailed above, is the responsibility of the flooring contractor. A higher specification should be used where doubt remains regarding the moisture content of the floor.

Note to specifiers

It is usually not possible when specifying moisture barriers to know the moisture content of the substrate at the time of installation. It is important however that the correct specification is used to ensure optimum performance.

It is suggested that the paragraphs as noted above will ensure that the correct decisions are made with regard to the contractor choosing the appropriate application.



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Details of the correct coverage rate for specific timber element sizes are detailed below. The coverage rate should be noted together with the appropriate application paragraph.

Type	Dimensions mm	Coverage rate R850T g / m ²
Overlay (T&G and end matched)	83 x 12 130 x 14	1000 g / m ²
Secret nail profile	80 x 19	Nailed & Glued: 850 g / m ² Glued only: 1250 g / m ²
Top nail profile	180 x 21 130 x 19	R848T along joists or battens
Engineered prefinished	2 layer 3 layer	1000 g / m ² 1250 g / m ²
Acoustic matting - Matting with a high rubber content is not suitable for use with R850		850 g / m ²
<p>When using Bona R850 as a combined moisture barrier and adhesive please note that the quantities required per m² will be <u>doubled</u> – approximately twice that used for a standard installation.</p>		