

Standard Specification paragraphs:

Bona R820

The undernoted paragraphs are designed to provide a starting point for the specification of Bona products for timber flooring. Information in **blue** should be selected as a choice depending upon the flooring to be installed. Contractors should consult the 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.

For floors where moisture is not a factor, such as plywood, chipboard, etc. then a standard application can be carried out with no extra assessment needed.

If a moisture barrier is required for a cementitious screed / concrete prior to the installation of the timber floor Bona R540 should be used. Detailed information on the use of these products can be found in the appropriate technical datasheet. Separate specification paragraphs are available for moisture barrier installation.

Application

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

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

Type	Dimensions mm	Coverage rate R820 g / m ²
Overlay (end matched and butt edged)	12 mm – up to 86 mm 14 mm – up to 105 mm	1000 g / m ²
Parquet blocks	19mm – up to 125 mm	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	R820 along joists or battens
Engineered prefinished planks	2 layer 3 layer	1000 g / m ² 1250 g / m ²
Acoustic matting	Bona silane adhesives are suitable for the installation of most acoustic underlays based on granules of rubber and cork with PU elastomer bonding agent. It is recommended that trial applications are made to ensure that the adhesion is satisfactory	
		850 g / m ²

Australian Specification sheet only – August 2024 This document replaces all previous versions



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N.B. Outside of the advice noted above it is not generally recommended that solid timber with a depth to width ratio greater than 1:6 is laid using Bona R820 as the sole fixing method. Timber elements with a greater ratio may be more prone to gaps forming at the joints during extended periods of high temperatures and / or low humidity.

Note to specifiers

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 is the responsibility of the flooring contractor. A higher specification should be used if doubt remains regarding the moisture content of the floor.

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.

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