



## BONA R410

Bona R410 is a two-component epoxy resin primer and moisture barrier designed for use on absorbent and non-absorbent sub-floors before the application of Bona adhesives; Bona R848T & Bona R820.

- Excellent adhesion
- Application possible with a roller or brush

### Technical data

Product type:	Epoxy resin
Colour:	Uncoloured
Density:	1.1 g / cm <sup>3</sup>
Application tools:	6 mm nap roller
Application rate:	Primer - approx. 100 - 250 g/m <sup>2</sup> (10 – 4 m <sup>2</sup> / kg) Moisture barrier - approx. 250 g/m <sup>2</sup> (4 m <sup>2</sup> / kg) NB. The coverage noted is per application and is dependent upon the porosity and physical condition of the substrate
Safety:	Please consult the Safety Data Sheet
Cleaning:	Acetone or Ethanol when wet. Can only be removed mechanically when hardened
Overcoating time:	After approx. 2 - 3 hours a 2 <sup>nd</sup> application may be made if required
Drying time:	12 hours; at this time timber may be installed using Bona R848T / R820. (At 20° C / 60% RH. High humidity and / or low temperatures will extend drying times)
Storage / transport:	The temperature must not fall below +5° C or exceed +25° C during storage and transport. Store in a cool, dry, well ventilated place
Shelf life:	12 months in unopened original container
Pack size:	5 kg combined pack

### 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.

Suitable substrates (also in association with underfloor heating) are:

- Cementitious screed
- Concrete
- Floors levelled with levelling compounds (at least 2 mm thick),
- Particle board (yellow tongue, etc.) / plywood / etc. (as primer only)

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## Treatment schedule

Absorbent substrates primer: 1 application  
(2 coats may be needed on some substrates)

Moisture barrier up to 90% RH: 1 application + R848T or R820

Moisture barrier up to 95% RH: 2 applications + R848T or R820

Where Bona R410 is used as a moisture barrier with Bona Adhesives at least 12 hours must elapse before the flooring is installed.

**NB.** It is important that measurement of the moisture content of the floor is carried out to a high standard. Assessment of the suitability and selection of a treatment schedule is the responsibility of the flooring contractor. A specification with a greater level of protection against moisture should be used where doubt remains regarding the moisture content of the floor.

## Application

For optimum performance the following climatic conditions should be met.

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

Allow Bona R410 to reach room temperature before use. High temperatures will increase the reaction of the mixed product whilst low temperatures will slow the reaction.

The resin and hardener components are supplied in the correct proportions as a single unit in two sections. Add part B (top section) to part A (bucket) by using a screwdriver to make holes in the bottom of the top section; leave in place above the bucket. Allow several minutes for part B to drain into the bucket. Remove the top section. Mix A & B together thoroughly using a drill with a stirrer.

R410 pot life when mixed is approx. 20 minutes. It is important to ensure that it can be used within this time.

Apply R410 evenly using a brush or roller. Avoid the formation of pools. Allow to dry to a transparent film. NB. The tools used must be clean as contamination from residues may affect the properties of R410

Occasionally a very absorbent substrate may result in high consumption. If this occurs care must be taken to ensure that the applied coat is even in appearance. If required an additional application should be made.

If 2 applications of R410 are made these should be in alternate directions at 90° to each other to ensure that complete coverage is achieved.

## Important notes

The information provided is prepared to the best of our current knowledge and makes no claim to be complete. The User is responsible for establishing that the product and recommendations herein are fit for the designated purpose, wood type and present situation before use.

Bona can only guarantee the delivered product. A professional and thereby successful application of the product is beyond our control. If in doubt make a preliminary test. The User is required to read and understand all information contained on package labels and safety data sheets before using this product.

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