

Technical Data Sheet

Bona R405

2-Component Crack Resin

Bona R405 is a viscous two-component polyester resin for restoring and repairing substrates prior to the application of adhesives or levelling compounds

- High viscosity
- Rapid setting / curing
- Excellent adhesion to many substrates
- Suitable with underfloor heating systems

Technical Data

Base:	Polyester resin and hardener
Colour:	Pink
Viscosity:	Thin
Density:	1.4 g/cm ²
Cleaning agents:	Bona Cleaning Wipes, Bona S100, acetone, ethanol and alcohol
Storage / transport:	The temperature must not fall below +5°C or exceed +25°C during storage and transport. Store in a dry, well ventilated place.
Shelf life:	12 months in an unopened container, from the date of manufacture.
Curing time:	ca. 30-60 minutes
Pack size:	1.25 kg combination package consisting of: 1.235 kg resin and 0.015 kg hardener (tube)
Disposal:	Dispose hardened material and packages in accordance to your local legal requirements

*23°C und 50 % rel. air humidity

Additional detailed information is noted in the appropriate safety data sheet.

Subfloor Preparation

The substrate must be dry, physically sound and free from dust, oil and grease

Suitable Subfloors

- Cement Screed (CT) EN 13813
- Calcium sulfate Screed (CA) EN 13813
- Mastic Asphalt (AS) EN13813

Processing

Crack repairing

Cracks within a substrate (also hairline cracks) may have different causes, e.g. insufficient or irregular thickness, too quick drying, wrong composition of the substrate material, instability of the insulating material and so on. Where cracks are present in the substrate these must be repaired prior to the timber floor being laid!

Before using R405 the following climatic conditions must be met (values for Central Europe): Air temperature: min. 18°C, Floor temperature: min. 15°C (with underfloor heating max. 20°C). Add the hardener to the resin as required whilst stirring thoroughly. Mix only as much material as required. Fill the joints with the mixture. Sprinkle quartz sand onto the surface before it has dried to create a suitable substrate for further work.

Hardener	Potlife (at 20°C)
15 g (1 tube)	ca. 10 Minutes
10 g (2/3 tube)	ca. 20 Minutes
5 g (1/3 Tube)	ca. 30 Minutes

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With the publication of this data sheet all previous product information on this product lose their validity

Fastening



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Consumption

Depends on the dimension of the cracks. Deep cracks can be filled with quartz sand before the application.

Drying time

Ca. 30-60 Minutes

Fastening



Bona takes only responsibility for the delivered product, no responsibility can be taken for the total installed product. If in doubt, conduct a test or a trial. Observe also other Bona product datasheets.

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