



Technical Data Sheet

Bona R880

Construction Adhesive

Bona R880 is an elastic silane based construction adhesive. With its extreme high initial bonding strength and extreme rapid setting it is specially designed for repair work at silane bonded wooden floors or the installation of skirting boards. The bonding process can be accelerated, by spraying little amounts of water on the substrate or spread adhesive. The use of a primer is in general not necessary.

- extreme quick setting, can be controlled by the contractor
- extreme high initial bonding strength
- water and solvent free
- good adhesion to almost all substrates and timber materials splashed material
- can be easily removed
- firm texture



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Base: Silane Modified-Pre-polymer

Color: cream

Viscosity: Easy to apply - stable

Density: 1.4 g/cm³

Cleaning agents: Bona Cleaning Wipes, Bona S100, acetone, ethanol. Hardened adhesive can only be removed mechanically.

Application of load: 6 to 12 h

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 from date of production in unopened original container/tubular bag

Disposal: Wastes and emptied container/tubular bags, should be handled in accordance to local regulations.

Pack size: 310 ml cartridge per box

* at 20°C and 55 % rH.

Additional detailed information is noted in the appropriate Safety Data Sheet.

Subfloor Preparation

The substrate must in general be even, totally dry, clean, free from cracks and physically sound. The surface should also be slightly textured. If applicable, it must meet the requirements of local standards or codes of practice. If necessary, it should be professionally prepared for laying. A primer is typically not needed.

Suitable Material

- Wood
- Stone
- Sand/cement screeds / walls
- Floors levelled with levelling compounds
- Calcium sulphate (anhydrite, gypsum) based floors / walls
- Chipboard
- Other dry and sound sub-floors / walls
- Mastic asphalt floors (with intact sand surface)

If in doubt, prepare test bonding!

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Processing

Before using the adhesive 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), R.H: max. 70 %.

The adhesive itself must, if necessary, be brought to the right temperature. After opening the cartridge, the needed amount of adhesive is pressed out and applied to one of the substrates. The other substrate is pressed in during the open time of approx. 10 min, depending on initial load it can be necessary to fixate the parts until setting has taken place. To accelerate the bonding process, water can be sprayed on the substrates or the adhesive (0,5 %, for e.g. 1000 g adhesive you need 5 g of water, the water can be mixed into the adhesive, open time can then be reduced to 5 minutes, lay in the substrates immediately). If on the sub floor applied adhesive has a skin, remove adhesive and apply new. If some adhesive is pressed up in it should be carefully removed. After 4 to 8 hours it is possible to apply load or stress, depending on temperature and humidity conditions



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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