

Bona R880

Technical data sheet

Bona R880 is an elastic silane based construction adhesive. It does not contain plasticizers. With its extreme high "green" strength and extreme rapid bonding 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, controlled by parquet layer
- extreme high initial tack
- without plasticizers
- soft elastic, high strength
- water and solvent free
- good adhesion to almost all substrates and timber materials splashed material can be easily removed
- firm texture

Technical data

Base:	Silane modified-Prepolymere
Colour:	cream
Viscosity:	Easy to apply - stable
Density:	1.4 g/cm ³
Cleaning agents:	S100, acetone and 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.
Pack size:	310 ml cartridge per box (1200 crtg./ pallet)

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

Preparations

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 substrates (also in association with underfloor heating) are:

- Sand/cement screeds / walls
- Floors levelled with levelling compounds (at least 2 mm thick),
- Calcium sulphate (anhydrite, gypsum) based floors / walls
- Chipboard (V100)
- Other dry and sound sub-floors / walls
- Mastic asphalt floors (with intact sand surface)

Fastening



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Application

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.

Consumption/parquet types

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.