



WOOD FINISHES DIRECT

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[Bona Vertical](#)



Bona Vertical

Construction Adhesive

Extremely high initial bonding strength and fast setting speed



Bona Vertical is an elastic 1-component silane-modified construction adhesive with extremely high initial bonding strength and fast setting speed. The construction adhesive can be applied to a variety of substrates and materials such as wood, mineral plaster, metal and much more. It is also suitable for many bondings including plastics. Bona Vertical is therefore especially designed for repair work and the gluing of skirting boards, wall moldings and stairs. By spraying small amounts of water on the substrate (sub-floors, walls, etc.) or the applied adhesive the setting process can be further accelerated. A primer is usually not necessary

- Extremely fast setting, can be accelerated by the processor
- Very high initial bonding strength (approx. 300 kg/m²*)
- Outstanding strength
- Free of water and solvents (according to TRGS 610)
- Very low emissions EC1 Plus
- Very good adhesion to almost all types of substrates and wood-based materials
- Suitable for a wide variety of bonding
- Can be coated / painted

Technical Data

Base: silane modified prepolymer

Color: beige

Viscosity: firm paste

Processing temperature: Air temperature: at least 5° C

Open time: approx. 10 min.

Application of load: after approx. 4-8 hours

Curing time: 2.8 mm / 24 hours.

GISCODE: RS10

EMICOCE: EC1-Plus

Cleaning agent: Bona S100, acetone, ethanol, alcohol. Hardened adhesive can only be removed mechanically.

Disposal: Wastes and emptied canisters should be handled in accordance to local regulations

Storage: do not store permanently below + 5 ° C, protect from frost, store cool in summer (not above + 25 ° C)

Shelf life: 12 months in unopened original container from date of manufacturing

Delivery form: 310 ml / 0.5 kg cartridge, 12 pieces per box

Additional detailed information is noted in the appropriate Safety Data Sheet



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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.

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.

Suitable materials and substrates

- Wood and wood materials
- Mineral materials such as stone, ceramic, natural stone
- Cement-based materials
- Calcium sulphate (anhydrite, gypsum) based floors / walls
- Cleaned metal surfaces
- Many plastics (PVC, rubber, PU, PS ...). Must not be used for bonding on or off PE and PP!

Processing

The adhesive itself must, if necessary, be brought to the right temperature before use. After opening the cartridge, the adhesive can be applied directly to one of the substrates. Then insert the parts to be bonded into the adhesive within the open time of approx. 10 minutes and press firmly.

To accelerate the bonding process, water can be sprayed on the substrates or the adhesive (0,5 %, for e.g. 1000 grams of adhesive). The open time becomes reduced to approx. 5 minutes.

If on the sub floor applied adhesive has formed a skin, remove adhesive, and apply new material. If some adhesive is pressed up it should be carefully removed.

In the case of stubborn parts to be joined or uneven, wavy surfaces, the open time of the adhesive should be used to it maximum, as the tack increases significantly at the end of this.