



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

Open time: ca. 10 min*

GISCODE: RS10

EMICODE: EC1 Plus,

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

Curing time: 2.8 mm / 24 hours.

Application of load: after approx. 4-8 hours

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. Preserve from frost

Pack size: 310 ml / 0.5 kg cartridge, 12 pieces per box

Shelf life: 12 months from date of production in unopened original cartridge

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

* at 20°C and 55 % rH.



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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.

Suitable 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.