



Bona Vertical

CONSTRUCTION ADHESIVE

Extremely high initial bond strength and fast setting speed



All-round construction adhesive with extremely fast setting and high initial bonding strength.

Bona Vertical is the new generation of construction adhesives with extremely high initial bonding strength and fast setting speed for quick and easy installation. The construction adhesive can be applied to a variety of substrates and materials such as wood, mineral plaster, metal and much more.

- Extremely fast setting
- Very high initial bonding strength (approx. 300 kg/m²)
- Outstanding strength
- Very good adhesion to almost all types of substrates



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TECHNICAL DATA

Product type / base:	Silane modified prepolymer.
Colour:	Beige.
Giscode:	RS10
Open time:	approx. 10 minutes at 20 °C and 55 % RH.
Curing time:	approx. 24 hours (bead thickness 2.8 mm). Loads may be applied after approx. 4–8 hours, depending on conditions.
Cleaning agents:	Bona Cleaning Wipes or acetone. Hardened adhesive can only be removed mechanically.
Shelf life:	12 months from date of production in unopened original cartridge.
Storage/Transport:	The temperature must not fall below +5 °C or exceed +25 °C during transport and storage. Store in a dry, well ventilated place. Protect from frost.
Disposal:	Waste and emptied containers should be handled in accordance with local regulations.
Pack size:	310 ml / 0.5 kg cartridge, 12 pieces per box.
Certificates/approvals:	EMICODE EC 1PLUS

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

PREPARATION

The substrate must be sound, clean, dry, and structurally stable. Remove dust, laitance, grease, oils, release agents, old sealants/adhesives, and any weak or poorly bonded layers that could impair adhesion. Where relevant, the substrate must comply with applicable local standards and codes of practice. If these requirements are not met, the

substrate must be suitably prepared/rectified before bonding. A primer is generally not required on most common substrates; however, on critical substrates (e.g. very smooth, non-porous or coated surfaces) adhesion should be verified by a site trial.

SUITABLE SUBSTRATES

- Wood and wood-based materials.
- Mineral substrates (e.g. stone, ceramic, natural stone).
- Cement-based materials.
- Calcium sulphate/gypsum-based floors and walls.
- Clean metal surfaces.
- Many plastics can also be bonded (e.g. PVC, rubber, PU, PS).
- **Not suitable for polyethylene (PE) or polypropylene (PP).**



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APPLICATION INSTRUCTIONS

Bring the cartridge to a suitable working temperature if required. Cut the nozzle to the desired bead size and apply the adhesive directly to one of the substrates (typically in beads or spots, depending on the parts being bonded). Position the parts within the open time (approx. 10 minutes) and press firmly to ensure full contact.

Accelerated setting (optional): To speed up curing, lightly mist the substrate surface or the applied adhesive with a small amount of clean water. This accelerates the setting process and reduces the open time (typically to approx. 5 minutes). Avoid over-wetting.

If the applied adhesive has formed a skin, remove it completely and apply fresh material. Remove any excess

adhesive carefully before it cures.

For difficult assemblies or uneven/wavy surfaces, use the available open time to position the parts accurately. The initial grab ("tack") increases towards the end of the open time.

Application notes / limitations: On dense or non-absorbent surfaces (e.g. glazed tiles, coated metals, sealed substrates), lightly abrade where possible and clean thoroughly to improve adhesion. Where substrates vary in surface treatment or composition (including plastics, coated surfaces or unfamiliar substrates), a trial bond is recommended before full application. Curing may be slower where the adhesive is fully enclosed; allow sufficient curing time before loading.

The information in this document and all other advice and recommendations that we provide to help and assist the applicator are based on previous experience and extensive testing but makes no claim to be complete. Because of the wide range of possible uses and conditions of application of our products, we do not relieve users from the need to carry out their own trials or to seek technical advice from Bona before use. Bona can only guarantee its products and not the construction as a whole. Observe recommendations from the flooring manufacturer and the provisions of relevant standards.