

PRONOVA®

HIGH-STRENGTH CONSTRUCTION ADHESIVE



PROPERTIES:

PRONOVA High-strength Construction Adhesive is a single-component PUR adhesive with extreme adhesive strength and a viscoplastic bond. Very quick reaction time. For universal use. Practically all materials can be bonded together. Compatible with natural stone. Resistant to UV, ageing and weathering. Can be abraded and painted over.

AREAS OF APPLICATION:

Ideal for force-transmitting adhesive bonding in construction, installation and repair work, such as in the construction of windows, doors and stairs, and for bonding acoustic elements, skirtings, laminate flooring, natural stone, cable ducts, insulation panels, signs, loose metal anchors in masonry, and for many other adhesive bonding applications.

PRODUCT ADVANTAGES:

- ▶ Can be abraded and painted over
- ▶ Extreme adhesive strength
- ▶ Compatible with natural stone
- ▶ Heat resistant
- ▶ Crack-bridging
- ▶ For universal use
- ▶ Weather resistant
- ▶ Resistant to UV, weathering and ageing

TECHNICAL INFORMATION:

Raw material base:	Single-component moisture-curing polyurethane
Density:	Approx. 1.52 g/cm ³
Temperature resistance:	-30 °C to +110 °C
Application temperature:	7 °C to +30 °C
Skin formation time (dry):	Approximately 5 minutes ⁽¹⁾
Functional strength:	Approximately 15 minutes ⁽²⁾
Curing time:	Approx. 2 to 3 mm/24 h ⁽¹⁾
Standards and tests:	Weatherproof in accordance with DIN EN 204 D4 (waterproof bonding) Heat resistant according to DIN EN14257 (WATT 91 / +80 °C)

⁽¹⁾ Depends on the temperature and air humidity (data determined at 20 °C/60 % rh).

⁽²⁾ Depends on the adhesive bonding application.

PREPARATION OF SUBSTRATE:

Substrates and bonding surfaces must be clean and free of dust, oil and grease. Remove all traces of loose plaster and mortar. Very absorbent, porous substrates must be strengthened by pre-treating with a suitable primer.

PROCESSING AND APPLICATION:

Cut open the cartridge above the screw thread. Cut off the end of the clip nozzle to suit the desired joint width and screw the nozzle into place. Using a cartridge gun, apply the PRONOVA High-strength Construction Adhesive to one of the bonding surfaces. Apply either dots or beads of uniform thickness. On non-absorbent materials, spray the adhesive with a fine water mist to ensure quick and controlled curing. Immediately join and adjust the materials to be bonded. Then press them together, applying uniform pressure, and fix them in place until the functional strength is reached.

CLEANING:

Fresh residues of uncured PRONOVA High-strength Construction Adhesive can be removed with solvent-based cleaning agents. The same applies for cleaning the tools.

Hardened sealant can only be removed mechanically, using a suitable cutting tool (e.g. PRONOVA Joint Sealant Removal Tool).

STORAGE:

Store in cool, dry, frost-free conditions. If stored properly in its unopened original container, PRONOVA High-strength Construction Adhesive has a shelf life of up to 24 months. Observe the shelf life date on the cartridge.

DISPOSAL:

Only send completely empty packaging for recycling. The hardened product can be disposed of as household waste/household-type commercial waste. Observe the local regulations when disposing of waste.

IMPORTANT INFORMATION:

Ensure that there is an adequate supply of air to all the bonded areas, so that the material can cure completely. Do not use in areas that are permanently exposed to water. Not suitable for bonding-resistant materials such as Teflon®, PP, PE, or substrates containing bitumen or tar. If necessary, read the manufacturer's instructions for the material or coating. Since there is a very large number of possible applications, carry out your own tests to ensure material compatibility, if in doubt.

Before applying the product, read the hazard warnings and safety instructions on the cartridge and the details in the safety data sheet. The safety data sheet can be found at www.pronova-dichtstoffe.de.

PACKAGING:

Package: 470 g cartridge

Packaging: 12 pieces/box

Colour: Beige

The details provided in this technical information sheet are based on intensive application tests in the laboratory and in practice and are intended as guideline values and recommendations. The guideline values do not represent any guarantee or assurance. The responsibility for using the material in each case lies with the person using it. Since there are many different materials and the working conditions lie outside our sphere of influence, we recommend that you carry out your own tests, if in doubt.

Further information is available by telephone: 00 800 / 63333782 (free of charge for landline calls from Germany, Austria, Switzerland and The Netherlands).

The publication of this technical data sheet renders all previous editions of this data sheet void.