

PRONOVA®

X POWER HIGH TACK



PROPERTIES:

PRONOVA X POWER High Tack is an extremely quick-fixing, single-component, hybrid bonding and sealing compound containing silane terminated polymers, for stress-free, permanently-elastic bonding and jointing with high initial adhesion and high final strength. Free of acids, alkaline solutions, solvents, silicone and isocyanates. Low emissions and odour free. Excellent bonding on both absorbent and non-absorbent surfaces, and even on damp, uneven or rough substrates. Can be used without a primer on glass, anodised aluminium, galvanised steel sheets, rigid PVC and polystyrene. Once it has fully hardened, it can be painted over with standard paints and varnishes.

AREAS OF APPLICATION:

For installation and repair bonding of all materials, indoors and outdoors⁽¹⁾. Very well suited for both absorbent and non-absorbent substrates. For use in interior finishing (laminare bonding, skirtings etc.), the construction of stairs and windows, metal construction and roofing work. For bonding natural stone and marble. Suitable for bonding mirrors (compatible with the rear side of mirrors in accordance with DIN EN 1306).

PRODUCT ADVANTAGES:

- ▶ High Tack: Extremely high initial adhesion and high final strength
- ▶ Neutral-curing
- ▶ For smooth and absorbent materials
- ▶ Compatible with natural stone
- ▶ Water resistant
- ▶ Suitable for bonding mirrors
- ▶ UV and weather resistant

TECHNICAL INFORMATION:

Raw material base:	Silane terminated polymers, neutral cure
Shore A hardness:	Approx. 60 (±3)
Density:	Approx. 1.58 g/cm ³ (±0.03)
Temperature resistance:	-40 °C to +90 °C
Application temperature:	10 °C to 30 °C
Initial adhesive strength (vertical):	250 kg/m ² maximum
Final strength (vertical):	370 kg/10 cm ² maximum
Curing time:	1 week maximum ⁽²⁾
Tensile strength:	Approx. 2.0 N/mm ²
Elongation at break	Approx. 200 %

⁽¹⁾ Observe the "Important information" section!

⁽²⁾ Depends on the temperature and air humidity (data determined at 20 °C/60 % rh).

PREPARATION OF SUBSTRATE:

Substrates and bonding surfaces must be solid, clean and free of dust, oil and grease. Professional tip: Pre-treat very absorbent or porous substrates with a suitable primer (e.g. PRONOVA Joint Primer).

PROCESSING AND APPLICATION:

Cut open the cartridge above the screw thread. Screw on the clip nozzle. Using an application gun, apply dots or lines of PRONOVA X POWER High Tack on only one of the surfaces to be bonded. Ensure that the lines of adhesive do not run into each other. When bonding surfaces, apply the adhesive using a notched spreader, for example. Immediately join and adjust the materials to be bonded (corrections are possible for a short time). Then press the surfaces together evenly. If necessary, fix them together mechanically until the adhesive has completely hardened. Remove any protruding adhesive while it is still fresh.

CLEANING:

Fresh residues and spots of PRONOVA X POWER High Tack can be removed with solvent-based cleaning agents (e.g. PRONOVA Silicone Remover). These can also be used to remove grease from the surfaces to be bonded. The same applies for cleaning the tools.

Hardened residues and adhesive 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 X POWER High Tack has a shelf life of up to 18 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:

The polymerisation process relies on the moisture in the air. Ensure that there is an adequate supply of air to all the bonded areas, so that the material can cure completely. Low temperatures and/or wet substrates can result in longer hardening times. Not suitable for bitumen, Teflon®, PE, PP, soft PVC, copper, brass, acrylic glass or aquariums. Since there is a very large number of possible applications, carry out your own tests to ensure material compatibility, if in doubt. If necessary, read the manufacturer's instructions for the material or coating.

Before applying the product, read the 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: 450 g cartridge

Packaging: 6 pieces/box

Colour: White

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.

PRONOVA DICHSTOFFE GMBH & CO. KG

Rudolf-Diesel-Strasse 12 • 55543 Bad Kreuznach • Germany
Telephone +49 671 920015-0 • Fax +49 671 920015 5020
info@pronova-dichtstoffe.de • www.pronova-dichtstoffe.de

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