

TECHNICAL DATA SHEET

PRO TURBO ADHESIVE

Product description

PRO TURBO Adhesive is a single-component, reactive hybrid polymer-based mounting adhesive with high filling capacity, rapid curing speed and high final strength.

It is specially formulated for joints requiring immediate initial hold and high final strength both indoors and outdoors.

PRO TURBO Adhesive does not contain water, solvents, phthalates or isocyanates and is suitable for:

- Indoor and outdoor use.
- Suitable for all porous and non-porous surfaces, including delicate and damp surfaces.
- Can be applied under water.
- Can be painted using acrylic paints. (carry out a pre-test)
- Elastic

Technical characteristics

Appearance	Viscous white paste
Viscosity	Thixotropic
Ultimate tensile strength (ISO 37:2017 - 15 min, 23 °C)	>5 Kg/cm ²
Ultimate tensile strength (ISO 37:2017 - 7 days, 23 °C)	>40 Kg/cm ²
Skin formation	3 min.
T_{application}	+5 to +30 °C
T_{storage}	+5 to +30 °C
T_{service}	-15 to +80 °C

* *Thicknesses greater than 2.5 mm and joints where the product may become encapsulated will require approximately 3 days to fully cure.*

For overlaps and bonds, the joint can be put under tension after 6 hours. The time may vary depending on the substrate, porosity and environmental and application conditions.

Applications

- Securing panels, mouldings, cladding, skirting, baseboards, profiles, mirrors, door and window frames, door caps, transoms, skirting boards, flooring transition plates, signs, decorative panels, etc.
- Carpentry repair or assembly.
- Securing building materials: natural stone, wood, ceramic, vitrified materials, metals.
- Its filling ability means that it is suitable for use on irregular surfaces.
- Electrical distribution boards, nameplates, house numbers,
- Securing wooden staircase cladding, wooden guards, profiles, etc.
- Suitable for indoor and outdoor use.
- Suitable for fixing delicate materials: mirrors, expanded polystyrene (EPS) or Porex®...
- Materials: Wood, metal, MDF, ceramics, Porex®, brick, mirrors, marble, cork, mortar, concrete, plastics, etc.

- Decorative seals and seals between finishes up to 7.5 % movement.

Not suitable for polyethylene (PE, HDPE, LDPE), polypropylene (PP), bitumen or Teflon® (PTFE) joints. Adhesion to substrates that are susceptible to water absorption or unstable in humid environments is not recommended.

Not recommended on surfaces that are friable, lack cohesion or have loose particles.

Due to the wide variety of materials, it is recommended to carry out a prior adhesion test.

For applications other than those set out in this Technical Data Sheet, please contact the AC Marca technical service department.

Instructions for use

Surface preparation:

To ensure maximum adhesion, the surfaces must be totally clean and free from any type of dust, sawdust, grease or loose particles. The surfaces can be degreased with isopropyl alcohol.

Application:

Cut the end off the tube or the top thread off the cartridge with a craft knife or similar tool. Take care not to cut below the first upper thread.

Cut the nozzle at the markings depending on the required application. The cut part will rest on the application area.

Apply in dabs, linear beads or S-shaped beads to one of the two surfaces and press firmly together in the desired position. The amount of product to be applied varies according to the materials used, volume, arrangement and weight of the objects to be joined.

It is not recommended to exceed a thickness of 1 or 2 mm of product between materials, since to do so could considerably reduce the mechanical hold and final strength.

To improve distribution and achieve uniform extension of the product on the surfaces to be joined, exert pressure on the objects and make small movements. Pressure should be maintained for approx. 30 seconds.

For heavy objects, the joint should be secured physically using tape or clamps until the adhesive is totally cured.

The working time is 2 minutes from the application of the adhesive. Do not wait longer than 2 minutes between application and bonding.

The product allows rectification during the first 10 minutes.

Dissolving and cleaning

Uncured wet product can easily be removed using a cloth moistened with acetone, isopropanol or ethanol. Once dry, the product can only be removed by mechanical means.

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Storage

Store in its original sealed packaging in a cool, dry place between +10 °C and +25 °C. Under these conditions, the product can be stored for at least 15 months.

Safety precautions

Keep out of the reach of children.

More detailed instructions are given in the relevant product safety data sheet.

The information given in this data sheet is for guidance only. Due to the wide variety of materials and conditions under which our products are used, we do not assume any responsibility for the final result obtained or any damage caused by misuse. It is the responsibility of the end user to determine the feasibility and suitability of using PRO TURBO Adhesive for the technical solution to any application.

Please contact our Technical Department if you have any queries.

The information given in this Technical Data Sheet should never be considered as a specification of the product's properties.

We guarantee the uniformity of the properties of our products in all supplies. The recommendations and information published in this technical data sheet are based on our current knowledge and rigorous laboratory tests. Due to the many variations in each project's materials and conditions, we ask our customers to conduct their own tests of utility under the expected working conditions and following our general instructions. This will avoid any subsequent damage, for the consequences of which the company is not responsible.