



Company with
Certified Quality System
UNI EN ISO 9001:2015



TECHNICAL DATA SHEET PRODUCT

PURO

BICOMPONENT SUPERIOR CLASS HYBRID ADHESIVE

CHEMICAL NATURE

Superior class bi-component adhesive based on hybrid resins (mix of polyester and vinylester)

APPEARANCE

Semi-transparent neutral-white thixotropic paste

FIELD OF APPLICATION

Bonding of synthetic agglomerates and artificial stones, marble, granite, natural stones and ceramics in which the final aesthetic aspect of the joint is important and for which a high quality adhesive is required.

PROPERTIES

Excellent adhesion on any type of natural and artificial stone (as long as they have sufficient porosity).

HARDENING

By adding 3% of hardener paste, the product hardens in about 8 - 10 minutes at 23 ° C and it can be easily colored. The low exothermic peak developed during the hardening phase allows modest shrinkage.

HOW TO USE

- The material must be clean, dry, free from dust or grease, foreign and / or friable substances
- Shiny surfaces must be sanded beforehand.
- Use as it is or mix with special coloring pastes (max. 3%) or with powders from the stone itself.
- Thoroughly mix 3% by weight of hardener. The mixture remains workable for a short time which varies according to the quantity of adhesive and hardener used, the temperature, the thickness, etc.
- Apply on one or both surfaces of the joint and join them by exerting slight pressure.
- Clean work tools with solvents
- The just hardened product maintains a semitransparent appearance with opaque white shades.
- After about 1 hour (at 23 ° C) from hardening, the material can be processed (milled, sanded, polished, etc.)

Note:

The maximum adhesive effectiveness occurs after 24 hours

Note:

After about a week, the color of the hardened mastic acquires a slight shade tending to light yellow, not very visible or not visible in a thin layer

*ATTENTION! Prolonged exposure to UV rays causes the alteration of the initial color of the product.
The product is suitable for gluing/bonding and not for visible grouting, especially outdoors.*

SPECIFIC ADVICE

- During processing and in the hardening phase, styrene develops, protect your hands with waterproof gloves and ventilate the environment to reduce the inhalation of vapors, for more information see the safety data sheet..
- High temperatures (>30°C/>86°F) or quantities of hardener higher than 2% accelerate the reaction and decrease the adhesion and can cause a strong darkening of the mastic.
- Low temperatures (<5°C/41°F) or quantities of hardener below 1% slow down the reaction and can cause a surface greasiness
- Freezing and thawing, strong and frequent changes in temperature or humidity reduce the mechanical resistance
- The hardened adhesive can only be removed mechanically



PACKAGING

Can of **1,0 L** incl. paste hardener
1 Carton/box (4 cans)

STABILITY

PURO must be kept closed in the original cans, in a cool and dry place and away from direct sunlight. In these conditions it is stable and can be used for 6 months from the date of manufacture.
Storage temperatures above 30°C/86°F reduce the stability over time.

TECHNICAL DATA

Physical State	Semi-transparent whitish gel
Density at 20°C / 68°F	1,15 ± 0,05 g/cm ³
Appearance of the mixture	Creamy translucent whitish paste
Workability time (50 g. mix)	4 - 6 minutes at 23°C/73,4°F
Hardenint at 23°C/73,4°F in layer of 2 - 4mm	8 - 12 minutes

SAFETY

The relative safety data sheet is supplied for all GENERAL products.

NOTE

There are many factors influencing the hardening process and the applications of the mastic / adhesive are many and varied. Therefore this information - which is based on bibliography, our studies and laboratory tests - must be understood as valid general indications and do not constitute any specific or guarantee. The user is always required to verify, in each specific application, the suitability of the mastic / adhesive for the required purpose.

LIMITS OF LIABILITY

The information provided comes from references or from our laboratory experiences and must be understood as general indications and do not represent a formal guarantee. In particular, the liability for defective products, once the defect has been ascertained, is however limited to reimbursement of the purchase price of the product only. However, no responsibility is assumed for implicit or explicit damages due to the use of the product which remains beyond our direct control.

ALWAYS CARRY OUT A PRELIMINARY TEST BEFORE APPLICATION