



ONE-COMPONENT, ULTRA-RAPID ADHESIVE AND ANCHORING FOR INTERNAL AND EXTERNAL USE.



PRODUCT DESCRIPTION

PU ANCHOR is a one-component sealant made from bitumen and polymers in solvent, characterized by its soft consistency which makes it easy to extrude and shape. PU ANCHOR may be used for filling joints, cracks and gaps of any size as, once hardened, it forms a plastic mass which is easily deformable. The bead of PU ANCHOR may be exposed to rain immediately after application, the product is not prone to leaching and does not dissolve in water. It also bonds to most substrates such as cementitious materials, wood, bricks, metals and many varieties of plastics. Thanks to the high bond and flexibility of the product, the bond is possible also in case of damp or wet substrate at the moment of application.

FIELD OF APPLICATION

PU Anchor is a one-component, rigid, polyurethane adhesive used to bond construction features on building sites. PU Anchor is characterized by high final pull-off strength and very short hardening times. It is recommended, therefore, for structural bonds where a strong final bond and a high level of rigidity are requi-

red. It is compatible with most absorbent and non-absorbent building materials, including damp materials. Its rapid polymerization makes PU Anchor a highly versatile product when constructing and assembling components and features used in the building sector and in industry and can be used to replace or integrate traditional mechanical fasteners. It is suitable for bonding internal and external window ledges, balconies, sills, skirting, wooden flooring, wooden and plastic cable trunking, insulating and soundproofing panels, pantile roofing tiles, dressings around doors, panelling and prefabricated elements.

SUITABLE SUBSTRATES

- Concrete
- Cement-based materials
- Bricks
- Stone
- Wood
- Metal
- Painted surfaces
- Ceramic
- Rigid and flexible plastics
- Insulating materials
- Fire-proof panels.

LIMITATIONS

- Do not use on surfaces with traces of oil, grease or stripping compound.
- Do not use at temperatures lower than +5°C.
- Not suitable for compressive stress, tensile stress or continuous or snap shear stresses.
- Not suitable for bonding polyurethane and polystyrene insulating panels or materials.
- Not suitable for pedestrian or vehicle traffic.

APPLICATION PROCEDURE

A) Preparation of substrate

Surfaces to be sealed must be dry, de-greased, solid and free of dust, loose parts, oil, grease, wax, old paintwork and rust on metal surfaces. We recommend applying masking tape along the edges of the joint in order to avoid the sealant seeping out of the joint and to get a more attractive finish.

B) Preparing the product

Ready to be used.

C) Applying the product

Insert the cartridge in an extrusion gun, cut off the tip of the cartridge, screw on the extrusion nozzle, trim the nozzle at an angle of 45° and according to the extruded width required and squeeze out the product in a continuous flow into the joint while trying to avoid air entering the joint. Immediately after applying the sealant, smooth over the surface before it hardens with a spatula wetted with soap and water. Remove the masking tape immediately after smoothing over the sealant

COVERAGE / CONSUMPTION

The consumption of PU ANCHOR depends on the application. Typical consumption is between 100 and 120 ml/mL.

PACKAGING

PU ANCHOR is supplied in:
– 280ml cartridge.

SHELF LIFE-STORAGE

Original sealed packaging of this product is guaranteed to be of first quality for 18 months if stored in a dry area and temperatures between +5°C and +35°C.

SAFETY INSTRUCTION

PU ANCHOR is flammable. It is recommended to keep it away from naked flames and sparks, to avoid smoking, to prevent the build-up of electrostatic charges and to work in well ventilated areas. During use wear protective gloves and goggles and take the usual precautions for the handling of chemicals. If the product comes in contact with the eyes or skin, wash immediately with plenty of water and seek medical attention. Furthermore, is hazardous for aquatic life, do not dispose of the product in the environment. For further and complete information about the safe use of our product please refer to the latest version of our Safety Data Sheet. **PRODUCT FOR PROFESSIONAL USE.**

TECHNICAL DATA

Product identity

Consistency	Thixotropic paste
Color	Grey
Density (kg/m ³)	1400
Viscosity (mPa.s)	1,300,000
Dry solids content (%)	100

Application data (at +23°C and 50% R.H.)

Dilution	Ready to used
Initial drying	5 minutes
Pressure application time	20 minutes
Adjusting time	10 minutes
Polymerization time	5mm / 24hours
Compressive load	10 Kg .cm2
Service temperature range	-40°C to +100°C
Application temperature	+5°C to +35°C
Consumption	100-120 ml/mL
Tensile strength	5.9 N/mm ²
Tear strength	7.5 kN / m
Hardness Shore A	40
Water resistance	excellent
Atmospheric agent resistance	excellent



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