

MONOCOL POCKET

MONOCOMPONENT MASTIC GLUE
FOR ASSEMBLY, ADHESION, WEATHERPROOFING



7 good reasons for using MONOCOL POCKET

1. MONOCOL POCKET is a mastic based on monocomponent **hybrid polymer** of neutral cross-linking agent.
2. Can be transformed into rubber extremely **elastic** and resistant on contact with atmospheric humidity.
3. Does not stain, neutral and **odourless**.
4. After **quick** polymerisation, can be **painted** and **sanded**.
5. Excellent resistance to **UV** and temperatures **(-30°C to + 80 °C)**.
6. Optimal polymerisation and adhesion in contact with **water**. Keeps flexible.
7. Does **not** contain **silicone**, **isocyanates** or **solvents**.

Particularly adapted for use in



Construction



Public buildings



Industry



Transport

Excellent adhesion without primer on supports such as concrete, bricks, stones, aluminium, epoxy covers, polyesters, steel, wood.

BONDING, WATERTIGHTNESS in industry and maintenance.

Numerous adhesion uses in construction, skirting, panels of insulation and for decoration.

Automotive: mechanized welding for body work, bonding, jointing of metallic parts and plastics: cars, caravans, finishing of spot-welded sheets, containers...

Technical departments: town hall, DDE (Departmental Direction of the Equipment), schools and high schools, retirement homes, hospitals...



* Information sur le niveau d'émission de substances volatiles dans l'air intérieur, conformément au règlement de l'Union européenne, sur une échelle de classe allant de A+ (les faibles émissions) à C (fortes émissions).

Characteristics

Colour: brown
Density: 1.5
Touch dry: 15-20 minutes (at 23 °C, 50% RH)
Skin forming time: 35 minutes (at 23 °C, 50% RH)
Setting speed: Approx. 3 mm/24h
Creep strength: (ISO 7390) 0 mm
Elastic strength: (ISO 7389) > 70 %
Movement capability : (ISO 11600) +/- 20 %
Use temperature: between +5°C and + 40°C
Range temperature: -30°C to + 80 °C (up to 120 °C in peak)
Hardness shore A : 45-50 (ISO 868)
Elastic module at 100 % : 1.10 Mpa (ISO 8339)
Tensile strength : 1.50 Mpa (ISO 8339)
Elongation at break: 200 %

Chemical resistance:

Resists fresh, salty and hard water and to water bases cleaning products. Resists hydrocarbons, weak acids and diluted alkaline. Does not resist solvents, strong mineral acids and bases and is not for use with permanent contacts with chlorinated swimming pool water.

Limitations:

- **The product bonds to most smooth and glazed surfaces in construction. However, a preliminary test is recommended to ensure a good result.**

- As all mastics, the colour of the product can change in the contact with some materials such as artificial black or natural rubbers, neoprene glues or paints with solvents. It is necessary to isolate the mastic from these kinds of material.

- It is unadvisable to put this product in contact with asphalt or bitumen.

Cartridge of 600 ml.

Storage time: 12 months

For more information: see MSDS.

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Instructions for use

Adherence:

Surfaces must be clean, exempt from friable parts, oils, fats, dust and other **contaminates** which could affect the adhesion. Clean the material such as lacquered aluminium and PVC with the degreasing cleaner which will strengthen the adherence on smooth surfaces. Leave until complete evaporation of the solvents before using of the mastic.

Use:

After cleaning and preparation of surfaces, the adjacent surfaces must be protected with a removable **sticking masking tape** (such as orange adhesive).

- Apply with a pistol POCKET to the bottom of joint, once applied, smooth the fresh mastic for 5 minutes

- The MONOCOL reticulate by reaction with the air humidity and the atmospheric conditions such as 23 °C and 50 % of humidity. Ensure you have good ventilation. During the crosslinking phase, make sure that there are no contaminations on surfaces and that the joint isn't subject to mechanical actions. Fresh, the product can be cleaned with HYDROSINE 80. Dry, the mastic can be removed only mechanically.

- To stick:

Apply the product on the piece to be stuck (in lines, dots, or a coat), then fix the piece by exercising a simple manual pressure. If necessary, maintain the pressure mechanically during the first few hours. Bonding is obtained after complete polymerization of the product.

Consumption :

Bonding:

In dots: 1 cartridge = 180 dots of de 3cm³

In lines: 1 cartridge = 24 m of 5mm diameter.

That is to say around 0.2 and 0.5 kg/m².

For joints:

1 cartridge is equal to ~6 m of joint (10 mm diameter).