



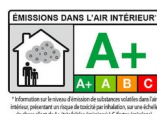
KAL

PUTTY FOR PACLING OUT MANHOLE COVERS



7 good reasons for using KAL

1. KAL 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. Keeps flexible.
3. **Reduces** noise pollutions from manhole covers.
4. Very high **adherence**, polymerises **quickly** within hours.
After **quick** polymerisation, can be **painted** and **sanded**.
5. Excellent resistance to **UV** and temperatures (**-40°C to + 90 °C**).
6. Diminue le contact métal/métal.
7. Does **not** contain **silicone**, **Isocyanates** or **solvents**.



Particularly adapted for use in



Institutions



Services

Applied to reduce noise from manhole covers, rain drain grids, manholes, building works lids, slabs, door frames.

Characteristics	Instructions for use
<p>Colour: black Density: 1.5 Touch dry: 5 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 Movement capability : (ISO 11600) +/- 20 % Use temperature: between +5°C and + 40°C Range temperature: -40°C to + 90 °C Hardness shore A : Approx 50 (ISO 868) Elastic module at 100 %: 1.40 Mpa Tensile strength : 2.00 Mpa Elongation at break: 200 %</p> <p><u>Chemical resistance:</u> 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.</p> <p><u>Restrictions:</u> - 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 290ml</p>	<p><u>Adherence:</u> Surfaces must be clean, exempt from friable parts, oils, fats, dust and other contaminates which could affect the adhesion. Surfaces must be brushed and dusted.</p> <p><u>Use:</u> Apply KAL TO LIP with the manual pistol 3010 around the circumference. Smooth with soapy water. - The KAL 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. Lid: vaporize TEF-LUB on the bottom part which will be in contact with the lip to avoid adherence. It is important to leave it to dry completely (at least two hours) before repositioning the cover.</p> <p><u>Consumption:</u> 1 cartridge – 12 m of 5 mm diameter That is to say around 0.2 and 0.5 kg/m².</p> <p>Storage time: 12 months</p> <p>For more Informations: see MSDS.</p>

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