

Product

STARMASTIC SK 13

code 6829 9006
9450 0000

TWO COMPONENT SEALANT BASED ON MODIFIED POLYURETHANE ELASTOMERS

Types

SK 13 Self-levelling for horizontal applications
SK 13/T Tixotropic for vertical applications
(code 6832 9006 9470 0000)

Features

- Perfect resistance to fresh and salt water, oils, petrol, kerosene and diluted acid and alkaline solutions.
- Permanent elasticity and good resistance to atmospheric agents.
- Good stretching power and low module to avoid unwanted stresses on the walls of the joint.
- Applicable from +5°C to +45°C.
- Operating temperatures from -30°C to +90°C (in air) and +35°C (in water).

Application field

- Sealing of joints in hydraulic concrete structures, such as canals, dams and tanks.
- Sealing of joints on surfaces in airports, industrial plant, roads, water treatment plant and sewage systems.
- Sealing of joints and cracks on roofs.

Application

Two component product to be mixed perfectly at the time of use, without diluting.
Type SK 13/T is dense and highly tixotropic, and therefore has to be mixed with special care to avoid air locks as far as possible.
The best system is a spiral mechanical agitator.
The walls of the joint have to be completely dry and free of dust and flaking parts.
To guarantee adhesion, apply a thin layer of PRIMER 0230 with a brush, avoiding drips or excess quantities.
STARMASTIC SK 13 has to be placed in the joint at least 20 minutes and no more than 60 minutes after the application of PRIMER 0230.
The joints should always have a third wall formed with expanded polyethylene strips with circular section closed cells.
The product may be applied manually, by means of a pressurised tank, with pump action for dense products with pressure plate, or by spray pistol, with the extraction of the product from the container.
Wash the tools with DILUENTE 21 thinner after use.

Technical data

Color	grey, black
Specific weight	1.46 ± 0.02 Kg/l
Mixing ratio	100 parts by weight of base 25 parts by weight of hardener
Viscosity at 20°C	10,000 ± 3,000 mPa.s (self-levelling drip application type)
Pot life at 22°C	45 minutes
Yield for 10x10 mm	6.8 m/Kg
Hardening at 22°C, RH 50%	- dry to the touch 4-5 hours - hardened in depth 48 hours - completely hardened 10 days
Stretch rate	25%
UNI EN 12311-2 stretch- ing to break- age point	450% ± 50
100% stretch module	< 0.2 MPa
ASTM D 2240 Shore A hard- ness	15-20
Storage	If kept in the original sealed packs in a dry, protected place at temperatures of +5°C to +35°C, the product will keep for 12 months.

All data and prescription reported on the present data sheet are based on the best lab and practical experience and should anyhow be considered as indicative. Considering all different uses and the occurring of situations and conditions independent from MPM (substrate, climate conditions, technical management etc. Those who intend to use the product should verify whether it is suitable for the specific conditions in which it will be applied before starting. MPM's responsibility covers the quality and productions standards referring to the above listed data only. Data should also be verified for latest available version of data sheets which could be surpassed by a new version. Data may change any time without notice from MPM.