

TECHNICAL DATA SHEET

Epoxol® Elastic

09-2009

Two-component sealing system based on epoxy resins and hardener.

Fields of applications

Epoxol® Elastic is suitable for sealing of joints and surfaces in cases that demand resistance to thermal and mechanical stress, corrosive agents impermeability to water, elasticity, weather and antifouling resistance. It is recommended for strong and elastic bonding of metals, concrete, wood, ceramics, building materials, heat insulating tiles etc. It is particularly suitable for bonding aluminium, copper, iron, and other metals. Because of its elasticity absorbs vibrations, contractions, expansions.

Properties

Epoxol® Elastic consists of pure resins and selected hardeners and does not contain solvents, extenders or fillers. It is suitable for spreading surfaces and filling gaps and openings.

Technical characteristics

Density of Component A (EN ISO 2811.01):	1,10 g/cm ³
Density of Component B (EN ISO 2811.01):	0,98g/cm ³
Mixing ratio:	100A:130B
Mixture appearance:	Transparent, amber
Hardening time at 25 °C:	18-20 hours
Pot life at 25 °C:	40 min
Full hardening:	5 - 7 days
Taber Abrasion:	mg loss/1000 cycles: 29
Elongation at break 25°C:	180-190%

Higher temperatures decrease the time mentioned above, while low temperatures prolong them.

Instruction for use

Surface preparation: The substrate should be clean, dry and free from dust, oil, grease, or any poorly adhering material. Sanding non-porous or glossy substrates always improves the final adhesion.

Application: Use a different tool each time to obtain the required amount of material from the original container of each component. Mix thoroughly the two components at the supplied ratio and apply with caution.

Mixing 1 part component A with 1,3 parts component B yields a product that is recommended for applications that require elasticity, such as sealing joints or gaps that withstand contractions or expansions.

Cleaning of tools

Use Solvent No 1021 immediately after application.

Stain removal

Use the solvent mentioned above when the stain is still fresh and damp. In case of hardened stains, use mechanical means or a paint remover.

Packing

1kg-5kg-23kg plastic containers

Storage stability

Unlimited when the two components are kept sealed and separated in their unopened original containers.