

SA EPOXY PASTE

USER MANUAL + TECHNICAL DATASHEET

PRODUCT DESCRIPTION

SA Epoxy Paste is a two-component epoxy-based compound, developed for repairing cracks, joints, and surface defects in concrete substrates. The product is solvent- and nonylphenol-free, highly adhesive, and easy to work with.

SA Epoxy Paste can be applied both in thin layers and by volume, ensuring excellent filling properties. The neutral grey colour allows surface repairs to blend seamlessly under subsequent floor finishes.

AREAS OF APPLICATION

- Repair of concrete cracks, joints and surface defects
- Levelling and finishing concrete plinths and edges
- Suitable for indoor use
- Not intended as a dilatation joint sealant

PRODUCT PROPERTIES

- Easy and convenient to use
- Excellent adhesion and mechanical resistance
- Solvent- and nonylphenol-free
- For use on A1 and A2 underlay (Euroclass) substrates
- High dimensional stability and low shrinkage



TECHNICAL PERFORMANCE

Property	Standard / Method	Result
Compressive strength	EN 12190:2005	> 40 N/mm ²
Adhesion to concrete	EN 1542:2000	≥ 3.0 N/mm ²
Volumetric density	EN 12190:2005	1.20 g/cm ³
Elastic modulus (compression)	EN 13412:2008	2.5 GPa
Shrinkage (dry conditions)	EN 12617-4:2004	-0.63 mm/m
Reaction to fire	EN 13501-1:2007	Dfl-s2
Colour	Component A: Light grey / Component B: Dark grey	
Mixing ratio (A:B by weight)	–	100:36
Pot life	–	30 minutes (at 20°C)
Working time	–	15–25 minutes (at 20°C)
Dust-free	–	±3 hours
Fully cured	–	±12 hours
Substrate moisture	–	< 4%
Air humidity	–	max. 75% RH

TECHNICAL PERFORMANCE

SURFACE PREPARATION

Before application, the substrate must be:

- Structurally sound and clean
- Free from dust, oil, grease, loose particles or old coatings
- Mechanically prepared and vacuumed
- Minimum compressive strength: 25 N/mm² (C20/25 concrete class)
- Minimum bond strength: 1.5 N/mm²

The surface must not be exposed to rising moisture.

Old coatings, laitance, and irregularities should be removed mechanically. Vertical cracks should be widened before filling.

MIXING INSTRUCTIONS

1. Mix component A thoroughly before use.
2. Add component B to component A in a ratio of 100:36 by weight.
3. Mechanically mix (200–400 rpm) for about 2 minutes until homogeneous.
4. Pour the mixture into a clean container and mix again briefly.
5. Apply using a metal spatula or trowel, filling all cracks and defects.
6. Smooth the surface and, after curing, lightly sand if required.
7. When applying an epoxy topcoat, lightly scatter the fresh paste with fine quartz sand (SMIX1) to improve interlayer adhesion.

CURING TIME

- Dust-free: approx. 3 hours
- Initial curing (for coating): 6 hours
- Fully cured: 12 hours

(At 20°C; higher temperatures shorten curing time, lower temperatures extend it.)

HEALTH AND SAFETY

SA Epoxy Paste is formulated with high-quality epoxy resins and additives meeting modern environmental standards.

Avoid skin and eye contact; wear gloves and goggles.

Ensure adequate ventilation during use.

Refer to the Safety Data Sheet (SDS) for further information.

Do not dispose of material residues into sewage, soil, or groundwater.

Dispose of empty containers as hazardous waste in accordance with local regulations.

!! Note: After the Stone Age product has been applied to the floor, the floor - in view of the composition of the Stone Age product - may never be covered with tape afterwards (i.e. even when the floor is already in use!). This will prevent possible disturbing prints, which could cause damage to the floor. Stone Age accepts no liability whatsoever for damage occurring if the floor concerned is covered with tape against this instruction.

STORAGE

Store the product in original, tightly closed containers between **12°C and 30°C**.

Avoid temperature fluctuations and direct sunlight.

Shelf life: **6 months** from production date in unopened packaging.
Protect from frost.

REFERENCES

Our following publications, in their current form, serve as supplements to this Information Sheet:

- General Notes on the Use of Stone Age Products.
- Safety Data Sheet, which is available on request.
- Bottle labelling

The specified publications, as well as this Information Sheet in its most current form, are available at the address below:

Butaanstraat 10
7463 PG Rijssen
info@stoneage.nl

Disclaimer

Our above-mentioned technical advice is drawn up to the best of our knowledge and based on the latest state of the art. For this reason, when using our products, observing the application instructions given and the procedure we suggest, no damage will be caused to the materials for which these products are intended.

However, the use of our products is beyond our control, remains your own responsibility and does not relieve you of prior testing of our products for suitability for the intended procedures and purposes. Our advice and regulations are therefore not binding and cannot be invoked against us - which also applies to any property rights of third parties. The relevant recommendations, directives and standards, as well as the recognized rules from the technology must be observed. With the publication of this product information, previous versions lose their validity.

REFERENCES

Our following publications, in their current form, serve as supplements to this Information Sheet:

- General Notes on the Use of Stone Age Products.
- Safety Data Sheet, which is available on request.
- Bottle labelling