

SA Epoxy Primer 1130

USER GUIDE AND TECHNICAL DATA SHEET

PRODUCT DESCRIPTION:

2 : 1 two component solvent free epoxy primer.

APPLICATIONS:

SA Epoxy Primer 1130 is suitable for mineral substrates under Stone Age flooring systems.

PROPERTIES:

- 2 : 1 mixing ratio
- Solvent free, compliant with BREEAM requirements
- Reaction to fire Bfl s1
- High mechanical and chemical resistance when combined with fillers
- Very good adhesion to mineral substrates
- Suitable for high levels of mineral filler

APPEARANCE:

Glossy, transparent.

TECHNICAL DATA:

Density	1.1 kg/litre
Solid content	100 %
Mixing ratio	66,66 parts by weight A component, resin 33,33 parts by weight B component, hardener
Thinning none	None
Pot-life	approximately 40 minutes
Dust dry	after approximately 8 hours



Walkable after approximately 16 hours

Recoat after 16 hours, apply the next layer within 24 hours

Adhesion strength on concrete greater than the tensile strength of concrete

Fully cured after 3 days
7 days at 10°C

Minimum application temperature +10°C
Maximum application temperature +30°C

*: Measured at 20°C and 65 % RH

CONSUMPTION

300 to 500 grams per square metre, depending on the substrate structure.

PREPARATION

Concrete, sand cement and other mineral substrates must be mechanically cleaned by shot blasting and/or grinding with a diamond grinder. The substrate must be roughened and free from cement laitance to obtain good adhesion. Pre treat holes and damage and fill with repair mortar.

SUBSTRATE QUALITY

The substrate must remain clean, dry and dust free. Minimum required values are 25 N/mm² for compressive strength and 1.5 N/mm² for adhesion strength.

Substrate moisture content <4 % according to the CM method. No rising moisture in accordance with the ASTM standard.

APPLICATION CONDITIONS

Substrate moisture content <4 %.
Relative humidity must not exceed 80 %.

Required substrate temperature is at least 10°C and at least 3°C above the dew point.

Working time

At 10°C	approximately 40 minutes
At 20°C	approximately 20 minutes
At 30°C	approximately 10 minutes

Material, substrate and air temperature must be at least 10°C and no more than +30°.

MIXING

The components must be carefully mixed in full. Pour component B, hardener, completely into the packaging of component A, resin, and mix mechanically for approximately 3 minutes until a homogeneous mixture is obtained. Use a low speed, 300 to 500 rpm, to incorporate as little air as possible. To ensure complete mixing, pour the material into a clean mixing container after mixing and stir briefly again.

Mixing ratio A : B = 100 : 50 by weight.

If desired, 10–40% SA Silver Sand 0.1–0.3 mm can be mixed into the mixture before the coat is applied. Alternatively, the SA Epoxy Primer 1130 can be sanded thoroughly with SA Silver Sand 0.1–0.3 mm

APPLICATION

SA Epoxy Primer 1130 is applied with a roller, trowel or squeegee.

PACKAGING

Available in all standard packaging sizes.

OVERCOATING

At 10°C	after 24hrs
At 20°C	after 16hrs
At 30°C	after 12hrs

SHELF LIFE

Under dry conditions at room temperature, 1 year between +0°C and

+30°C. Store in the original, closed and undamaged packaging.

SAFETY

Observe the hazard and safety instructions on the labels of the packaging materials.

The safety data sheets for Stone Age EP 1130 apply to component A and component B.

EU REGULATION 2004/42 NEW CONSTRUCTION 2016

Stone Age Materials meets the requirements of Hea 02 Indoor Air Quality, BREEAM International New Construction 2016. These products meet the requirements for the category Hea 09 Volatile Organic Compounds, BREEAM NL New Build and Renovation 2014 v2, for the product type Microcement.

No rights are derived from this product information sheet. All advice and proposals are based on good faith and the latest knowledge, experience and state of the art. Experience shows that the values are determined under normal conditions. On site conditions vary to such an extent that no guarantee is given for the application of the described product or its suitability. This applies to every recommendation in any form.

Orders and deliveries are subject to the current terms and conditions of sale and delivery.

DECLARATION OF PERFORMANCE

According to Regulation EU No 305/2011
Annex III Construction Products
Regulation

Stone Age EP 1130
DOP PR110 202006
EN 13813:2002

1. Producttype	SA Epoxy 1130
2. Batch number	See product packaging
3. Intended use	2 componenten epoxy primer EN13813: Bfl-s1 - SR - B1.5
4. Manufacturer	Strizo bv Keurweg 4 5145 NX Waalwijk
5. Authorised representative	Not relevant
6. System or systems for assessment and verification of constancy of performance	System 4 System 3: Fire classification Efectis R000784/789
7. Notified body	Not relevant
8. European Technical Assessment	Not relevant
9. Certified performance in accordance with harmonised technical specification EN 13813:2002 Essential characteristics: Performance: Reaction to fire - Bfl s1 2 Release of corrosive substances - SR Water permeability - NPD Wear resistance NPD 1) Hechttreksterkte ≥ B1.5 Slagvastheid NPD 1) Indringdiepte ≥ 5mm Wateropname W3 Low Chemische bestendigheid NPD Gevaarlijke stoffen NPD 1) Geen prestatie vastgesteld (No Performance Determined) 2) Brandclassificatie Efectis R000784/789 beproefd op troffelmortelvloersysteem.	
 Marty Beijers, R&D, Strizo Synthetics bv Waalwijk, 8 november 2023 10. This declaration of performance is issued under the sole responsibility of the manufacturer named in point 4. Signed for and on behalf of the manufacturer by:	