

Description

Sichtbeton (literally meaning: 'Sight Concrete') is a high-quality, cement-based coating with selected additives. The coloured cement powder is mixed with water and is processed with a special technique in order to create Sichtbeton. The dried material remains tension-free and diffusion-open.

Application scope

Sichtbeton can be applied to create high-quality, decorative wall and floor surfaces with a special Sichtbeton-look and is only suitable for indoor use.

Properties

- Suitable for wall finish
- Tough, with the look of poured concrete
- Easy to apply and quickly ready
- Available in 3 shades of grey

How to apply

PREPARATION

Before Sichtbeton can be applied, the underlying surface must be dry, firm, stable and free of dust, dirt and other loosening agents. Old, not well adhering or weakly bound paint and loose plasters and wallpapers should be removed. In such a case, the surface should be pre-treated with MCG Primer or Ecohecht. Take into account an even and even absorption over the entire surface!

Consult your Sichtbeton dealer in advance to determine the individual segment sizes, as the film must be carefully cut before they can be applied.

APPLYING SICHTBETON

Mix 20kg of cement with the dry pigment and 4 to 4.8ltr of water until homogeneous. Apply the mixed material with a square edging knife or glue comb (4 mm) and smooth it immediately. The material should be applied evenly in thickness. When this process is complete, spray the demolding agent over the surface. The following applies to the dosage: the less de-icing agent one uses, the less the typical Sichtbeton look will be visible. After applying the release agent, the plastic film sheets are placed on the wet cement and spread over the surface using a blunt trowel (e.g. a jointing trowel), preferably one made of plastic.

Two variants are possible with respect to application:

- Overlapping - in this the transitions from segment to segment are very smooth or 'soft';
- Film against film - the seams created by pressing the film sheets together provide a stronger structure and optical separation of the segments.

Processing of the materials is done per foil sheet size.

FINISHING

At a normal ambient temperature (+18 °C to +20 °C), the Sichtbeton has dried sufficiently after about 24 hours to remove the foil sheets. The Sichtbeton look is then silk matt. In case a more matt finish is desired, the surface can be gently sanded with a pad.

For an example of how Sichtbeton should be applied, please refer to our video via the following link:
<https://vimeo.com/207451007>

!! Please note: once the Stone Age product has been applied to the floor, this floor – because of the composition of the Stone Age product - may not be covered with tape afterwards (not even when the floor is already in use!). This prevents potentially disturbing prints, which can damage the floor. Stone Age does not accept liability for any damage caused by applying tape to the floor.

Release Agent

Stone Age Release Agent is an emulsion of modified raw materials in water. It ensures that the exposed concrete foil does not adhere to the surface. Please spray the release agent evenly and equally across the surface before applying the foil!

Precautions for use and storage:

Wear protective gloves and goggles. In case of direct contact with the eyes, immediately rinse thoroughly with water and consult a doctor. Keep away from children. Not toxic or flammable. Not frost resistant.

Application conditions

- Required room temperature of 18 – 25 °C
- Required material and surface temperature of 12 – 18 °C
- Relative humidity: 40 - 70%
- Drying time: approx. 24 hours

Consumption

Approximately 2 kg of cement per m².

Presentation

Container of 20 kg, ready to use.

Conservation

Preservable up to at least six months after the production date, provided that the paste has been stored in the original and closed container and is not exposed to the elements and / or moisture.

Disclaimer

This information, and in particular recommendations regarding the use and final use of Stone Age products, is provided to the best of our knowledge and belief on the basis of our current knowledge and experience. This information is valid for products that are properly stored, handled and used under normal conditions as recommended by Stone Age.


Differences in materials, substrates and actual on-site circumstances are such that no warranty of merchantability, suitability for a specific purpose and/or any liability whatsoever nor any (written) recommendation may be derived from this information.

The user of the products must check the suitability of the products for the intended application and purpose. Stone Age reserves the right to change the properties of its products at any moment.

The property rights of third parties must be observed. All accepted orders are subject to our current terms of sale and delivery. Users must always refer to the most recent version of the technical data sheet of the product concerned. Copies can be sent on request.

CE-trademark

The harmonized European standard EN 13 813 "Screed material and screeds - material properties and requirements" specifies requirements for screeds for use in floor constructions. Structural screeds or coatings, such as those that contribute to the load bearing capacity of the structure, are excluded from this standard. Both synthetic resin floors and cementitious screeds are included in these specifications. They must comply with Annex ZA.3, Table ZA. 1.5 and 3.3 be CE marked and meet the requirements of the Construction Products Directive (89/106).

	
Stone Age B.V. Butaanstraat 10 NL -7463 PG RIJSEN The Netherlands	
13 ¹	
EN 13 813 SR-B1.5	
Primers / sealers	
Reaction to fire:	A1
Release of corrosive substances (synthetic resin screed):	SR
Water permeability:	NPD ²
Abrasion resistance:	NPD
Adhesive strength:	B1.5
Shock resistance:	NPD
Sound insulation:	NPD
Sound absorption:	NPD
Heat resistance:	NPD
Chemical resistance:	NPD

¹ The latest two numbers of the year, in which the mark was given.

² NPD = No Performance Determined.