

# SICHTBETON

## USER MANUAL + TECHNICAL DATASHEET



### PRODUCT 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.

### USAGE:

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 and is available in 3 shades of grey.

### METHOD OF APPLICATION:

The surface which Sichtbeton is applied on should always be smooth, clean and free of any unevenness.

#### PREPARATION (day 1)

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!

#### NOTE:

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

Mix 20 kg of cement with the dry pigment and 4 to 4.8 litres of water until a homogeneous mass.

#### APPLYING SICHTBETON (day 1)

Apply the mixed material with a square trowel or glue comb (4 mm) and smooth it immediately. The material should be applied evenly in thickness. When this process is complete, spray the demoulding spray over the surface.

#### NOTE:

*The following applies to the dosage of the demoulding spray: the less demoulding spray one uses, the less the typical Sichtbeton look will be visible.*

After applying the demoulding spray, the plastic film sheets are placed on the wet cement and spread over the surface using a blunt trowel (e.g. a joint trowel), preferably one made of plastic.

Applying the plastic film sheets can be done in two ways:

- Overlapping: In this variant the transition from segment to segment are very smooth
- Film sheet against film sheet: In this variant the transitions from segment to segment have a stronger structure.

Processing of the materials takes place by foil sheet size. Determine well in advance where the foil sheets will be placed; it is recommended to use a laser level for this in order to apply the foil sheets straight and accurately. The foil sheets can also be cut to size beforehand, so that the total size of the surface matches the sheets.

#### FINISHING (day 2)

At a normal room temperature (18°C - 20°C) the Sichtbeton has dried sufficiently after approximately 24 hours to remove the foil sheets. The Sichtbeton look is then silk-matt.

**NOTE:**

*In case a more matt finish is desired, the surface can be gently sanded with a pad.*

**Once the Sichtbeton has been applied to the floor, this floor – because of the composition of the Sichtbeton - 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.**

**DEMOULDING SPRAY:**

The Stone Age demoulding spray is an emulsion of modified raw materials in water. It prevents the exposed concrete film sheets from adhering to the surface. Spray the demoulding spray evenly over the surface before applying the film!

**NOTE:**

*Wear protective gloves and goggles when applying Stone Age demoulding spray. In case of direct contact with the eyes, immediately rinse thoroughly with water and consult a doctor. Keep away from children. Stone Age demoulding spray is not toxic or flammable. Be aware that Stone Age demoulding spray is not frost resistant.*

**APPLICATION CONDITIONS:**

- Required room temperature of 18°C - 25°C.
- Required material and surface temperature of 12°C - 18 °C.
- Relative humidity in the room of 40% – 70%.

**CONSUMPTION:**

- Sichtbeton: 2kg per m2.

**STORAGE PERIOD:**

Sichtbeton is 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 MARK:**

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**  
**7463 PG RIJSEN - Netherlands**