

# BASEBETON XTREME

## USER MANUAL + TECHNICAL DATASHEET



### PRODUCT DESCRIPTION:

Basebeton is a ready-to-use micro-cement paste with micronized quartz for application on walls and floors

### USAGE:

Product can be used for:

- Coating and decorating of walls, floors, furniture, shelves and countertops
- Renovating existing floors or as a replacement for carpet.
- Floors with radiant heating, as long as the heating system has been installed in accordance with its approved safety precautions and the appropriate self-levelling base mortar has been used, in order to prevent any cracking problems to the outer layers of the product and therefore to the product itself.

Product is suitable for indoor use only and is available in 64 standard colors and can also be supplied in the desired RAL or NCS colors.

### NOTE:

*Due to the amount of pigment in RAL and NCS colours, the final drawing may be slightly different and the color may vary from RAL and NCS color samples. Base concrete in RAL and NCS colours may become less liquid after production, dilute and mix with max. 5% water.*

### METHOD OF APPLICATION:

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

Basebeton Xtreme is applied in three different layers. Always use Basebeton TechStone as the first layer, Basebeton Xtreme Basa as the second layer of Basebeton, always use Basebeton Xtreme Sense as the third layer. Before you apply the first coat of Basebeton, the surface should be smooth, clean and free of any unevenness. It is recommended to sand and dust the surface first.

### PREPARATION (day 1)

*Basebeton Xtreme floor finish (based on a flat, sauce-ready substrate, e.g. cement creed).*

Floors should always be treated with a technical coat. Before the technical layer can be applied, the floor must first be treated with MCG primer. MCG can be applied evenly with a coat or foam roller. The MCG has a drying time of +/- 1 hour (hand-dry). When the MCG is hand-dry, the technical layer (Basebeton TechStone) can be applied.

### APPLYING BASEBETON TECHSTONE 2K (day 1)

Basebeton Techstone 2K is a two component epoxy based paste with micronized quartz that is supplied color-matched.

First mix the B-component through the Techstone A component for 3 minutes in the following ratio:

### Techstone A-comp: Flacon B-comp

- 4,75 kg A component with 0,25 kg B component
- 9,50 kg A component with 0,50 kg B component
- 14,25 kg A component with 0,75 kg B component

- 19,00 kg A component with 1,00 kg B component

The Basebeton Techstone can be applied with a stainless steel plasterer's knife (spackle knife or flexible trowel). Spread the first coat as evenly as possible for an even thickness over the entire surface, approximately at grain thickness (0.5 - 1 mm). TechStone has a light filling capacity (joints, sanding, etc. should be pre-treated first).

*Please be aware that depending on temperature, humidity, working practice and/or local customs, the product can vary in terms of drying, hardness, workability and grain size in accordance with the client's preferences*

#### **APPLYING BASEBETON XTREME BASA (day 2)**

When the Basebeton Techstone layer is dry, you can start applying the first layer of Basebeton Xtreme: the Basa.

Mix the Basebeton Xtreme Component B with the Basebeton Xtreme Basa to obtain a homogenous mass (ratio: 1:20). The Basebeton Xtreme Basa can be applied with a stainless steel plaster knife. Spread the first layer as evenly as possible over the entire surface, approximately grain size (0.5 - 1 mm). The first layer determines the final Basebeton Xtreme look.

#### **APPLYING BASEBETON XTREME SENSE (day 3)**

After the Basebeton Xtreme Basa layer has dried sufficiently (next day), the second and final layer of Basebeton Xtreme can be applied; the Sense. It is optional to sand the Basa layer in between.

To do this, mix the Basebeton Xtreme Component B with the Basebeton Xtreme Sense to form a homogenous mass (ratio: 1:20). When applying the second layer make sure that the same plasterer's knife is used as when applying the first layer of Basebeton for an optimal effect. With the Basebeton Xtreme Sense layer of sense you make sure that the surface is completely 'closed'.

The Sense layer should be scraped over the Basa as thinly as possible (0.1 - 0.5 mm). Protective shoe covers are recommended to avoid disturbing footprints during the application of the Basebeton. The floor must dry for at least five days before it can be walked on.

#### **FINISHING (day 4)**

Once the second layer is also dry, the Basebeton Xtreme should be sanded using an eccentric rotary sander. For this sanding process we recommend using sandpaper with a grain size of 80 or 120. The degree of sanding directly affects the final result. Once the sanding is complete, the surface should be dusted. This can be done, for example, with a soft brush or industrial vacuum cleaner with a soft brush head.

To achieve the desired end result, the Basebeton Xtreme is finished twice with the special Basebeton 2K-PU coating: the SA Basic-coat WB 2K-PU. This coating consists of two components: SA Basic-coat WB 2K-PU Comp A and SA Basic-coat WB 2K-PU Comp B. The coating can only be used when component A is mixed with component B. Add component B to component A. Mix this thoroughly and pour the mixture through the MP 190 micron sieve. Then mix the mixture again thoroughly. Then the coating can be applied by means of a nylon roller, rolling it up crosswise in all directions. After one hour the second layer of coating can be applied.

#### **NOTE:**

*Please be aware that depending on temperature, humidity, working practice and/or local customs, the product can vary in terms of drying, hardness, workability and grain size in accordance with the client's preferences.*

**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.**

#### **APPLICATION CONDITIONS:**

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

#### **CONSUMPTION:**

- Basebeton Xtreme Primer: +/- 100 gram per m<sup>2</sup>.
- Basebeton Xtreme Basa: +/- 600 gram per m<sup>2</sup>.
- Basebeton Xtreme Sense: +/- 400 gram per m<sup>2</sup>.
- Basebeton Xtreme Coating: +/- 100 gram per m<sup>2</sup>.

#### **STORAGE PERIOD:**

Basebeton Xtreme can be stored up to 12 months after production date if it is stored closed in the original bucket and not exposed to extreme weather conditions and/or humidity. When doing so, make sure edges and the inside lid are clean.

#### **SUSTAINABILITY:**



Basebeton Xtreme is manufactured in a conscientious manner to minimize CO<sub>2</sub> emissions, protect natural resources and to reduce both waste as potential environmental and health risks. Basebeton Xtreme is a 100% ecologic and natural product.

#### **SPECIFICATIONS:**

Type/appearance: Paste.

Apparent density Basa paste:

- Pre application 1.400 kg/m<sup>3</sup>
- Hardened 2.000 kg/m<sup>3</sup>

Apparent Density Sense Paste:

- Pre application 1.300 kg/m<sup>3</sup>
- Hardened 1.800 kg/m<sup>3</sup>

Maximal lifespan of the Product mixture:  
7 hours.

Resistance specifications (EN 1015-11):

- Compression of Basebeton Xtreme after 28 days:
  - Basa: 30 N/mm<sup>2</sup>
  - Sense: >35 N/mm<sup>2</sup>
- Flexion of Basebeton Xtreme after 28 days:
  - Basa: >12 N/mm<sup>2</sup>
  - Sense: >10 N/mm<sup>2</sup>
- Concrete adhesion of Basebeton Xtreme after 28 days:
  - Basa: 1,6 N/mm<sup>2</sup>
  - Sense: 1,6 N/mm<sup>2</sup>
- Maximal applicable thickness of Basebeton Xtreme
  - Basa: 0,2 to 0,5 mm per layer
  - Sense: 0,1 to 0,5 mm per layer
- Reaction to fire testing (EN 13501-1): A1

#### **MAINTENANCE:**

We recommend the use of our Basebeton Protector in order to properly clean and preserve your Basebeton. By using Basebeton Protector on a regular basis, the typical Basebeton look can be maintained. When Basebeton is applied on your floor, we advise you to accommodate your furniture with a soft protection such as provided by Scratch no More ([www.scratchnomore.nl](http://www.scratchnomore.nl)).

#### **SPECIAL PRECAUTIONS:**

This product contains cement. Avoid contact with eyes and skin, as well as inhalation of dust. Use rubber gloves and protective goggles. Keep out of the reach of children. Do not apply BaseBeton products at a room temperature below 5°C or above 30°C. Empty containers must be disposed of in compliance with local legal regulations.

#### **ADDITIONAL HEALTH AND SAFETY INFORMATION:**

For information and advice on how to safely handle, store and dispose of chemical products, users should refer to the most recent material safety data sheet containing physical, ecological, toxicological and other safety related data.

## **DISCLAIMER:**

This information, and in particular the recommendations related to the application and end use of Stone Age products, is provided in good faith based on our current knowledge and experience of the products. It is valid for products that are correctly stored, treated and applied under normal conditions in accordance with Stone Age recommendations.

In practice, differences in materials, substrates and actual on-site conditions are such that no warranty in respect of merchantability or of suitability for a purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from another advice offered.

The user of the products must test the products' suitability for the intended application and purpose. Stone Age reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the technical data sheet for the product concerned, copies of which will be supplied on request..

## **CE MARK:**



The harmonized European standard EN 13 813, Screed material and floor screeds – screeds – material properties and requirements” specifies requirements for screeds for use with floor constructions. Structural screeds or coatings, for example those contributing to the load bearing capacity of the construction, are excluded from this standard. Both synthetic resin floors and cement-bonded screeds are covered by these specifications. They must be CE-labelled according to Annex ZA. 3, Table ZA. 1.5 and 3.3 and comply with the requirements of the Construction Products Directive (89/106):

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