

Description

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

Usage

- To renovate existing floors or as replacement for carpets
- Can be applied on both floors and walls due to its strong adhesion
- Available in eight standard colours, but can be delivered in any desired RAL - or NCS - colour
- Suitable for indoor use only

Application scope

BaseBeton can be used for:

- coating and decorating of walls, floors, furniture, shelves and countertops
- 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.

How to apply

BaseBeton is applied in two different layers. Always use BaseBeton Basa paste as first Basebeton layer.

Before applying the first layer of BaseBeton paste, the surface will have to be smooth, clean and stable enough. The surface should therefore first be primed with BaseBeton Primer. BaseBeton Primer can best be applied by using a fleece roller.

We recommend to use BaseBeton Primer for wooden, concrete and absorbent surfaces. For any other surface which is not yet smooth, clean or stable enough for application, we recommend to use SA Epoxy Resin as primer. Please note that the BaseBeton Primer should be diluted with water on a 1:1 mixing ratio when applied on porous surfaces.

After the Primer has been applied, please mix the BaseBeton Basa paste with a blender at low speed until the mixture is completely homogeneous. The first layer of BaseBeton paste can be applied by using a special plastering knife. Distribute the first layer of paste as evenly as possible for an equal thickness across the surface. This first layer is decisive for the look and feel of the eventual BaseBeton finish.

After the first layer has dried up sufficiently (touch dry), the second and final layer of BaseBeton paste can be mixed and applied. As the second and final layer, BaseBeton Sense paste can be used*. When applying this second layer of paste, please note that for an optimal effect we advise to use the same plastering knife as was used to apply the first layer of BaseBeton paste. Protective shoe covers are recommended to prevent any disturbing foot prints while applying the BaseBeton.

Once the second layer is touch dry, the BaseBeton will have to be sanded by using an eccentric rotating sanding machine. For this sanding process, we recommend to use sanding paper with a grain size of 120 or 80. The sanding intensity directly influences the final result. Once the sanding is finished, the sanded surface needs to be dedusted by using an industrial vacuum cleaner.

To acquire the desired final BaseBeton look, please use the special BaseBeton Coating. This coating can best be applied by using a nylon roller.

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.

* For a more coarse finish, we recommend to use BaseBeton Basa paste as second and final BaseBeton layer.

Application conditions

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

Consumption

BaseBeton Primer	: +/- 100 grams per m2
BaseBeton Basa paste	: +/- 600 grams per m2
BaseBeton Sense paste	: +/- 400 grams per m2
BaseBeton Coating	: +/- 100 grams per m2

Presentation

- BaseBeton Basa : container of 6 kilograms, ready to use
- BaseBeton Sense: container of 4 kilograms, ready to use

Conservation

Up to 12 months after the production date, unless stored in the original and closed container and not being exposed to the elements and/or humidity.

Specifications

Type / Appearance	: Paste
Apparent density, Basa paste	: Pre application 1.400 kg / m ³ , Hardened 2.000 kg / m ³
Apparent density, Sense paste	: Pre application 1.300 kg / m ³ , Hardened 1.800 kg / m ³
Maximum lifespan of the BaseBeton mixture	: 7 hours
Maximum aggregate size	: 0,1 mm
Resistance specifications (EN 1015-11):	
- Compression after 28 days	: > 35 N / m ²
- Flexion after 28 days	: > 10 N / m ²
- Concrete adhesion after 28 days, Basa paste	: > 1 N / m ²
- Concrete adhesion after 28 days, Sense paste	: 1,6 N / m ²
- Maximum applicable thickness, Basa paste	: 0,2 to 0,5 mm per layer
- Maximum applicable thickness, Sense paste	: 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).

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.

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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 labelling

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):

	
Stone Age B.V. Butaanstraat 10 7463 PG RIJSSEN 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
Impact resistance:	NPD
Noise insulation:	NPD
Noise absorption:	NPD
Thermal resistance:	NPD
Chemical resistance:	NPD

¹ The last two figures of the year in which the mark was awarded.

² NPD = No Performance Determined.