Product Datasheet

Fast-drying 2-C reactive waterproofing

CODEX X-TERRA 200

2-C reactive waterproofing for parts of the building in contact with the ground in new and renovated buildings

APPLICATIONS

Reactive, fast-drying and fibre-reinforced 2-component mineral flexible waterproofing slurry for crack-bridging waterproofing of parts of buildings in basements and skirting areas and for cross-sectional waterproofing under masonry. On walls and floors in exterior areas.

For waterproofing according to:
DIN 18533-3, as waterproofing of building components in contact with the soil, skirting waterproofing according to W1-E and W4-E and crack class R1-E. The "Guidelines for the execution of waterproofing with mineral waterproofing slurries" according to W1-E, W1.2-E, W2.1-E.
DIN 18531-5, Waterproofing of roofs, balconies and walkways.

SUITABLE FOR

- Basement walls
- Skirting areas
- Cross-section waterproofing under masonry
- Foundations
- Flooring panels
- Terraces

SUITABLE ON

- Cement and calcium sulphate screeds
- Concrete, waterproof concrete, lightweight concrete
- Masonry, porous concrete
- Cement plasters
- Cement fibre boards

PRODUCT BENEFITS/FEATURES

- Bitumen-free
- Quick drying
- Easy processing
- Fibre-reinforced and low-shrinkage
- Covers cracks
- Suitable for roller, trowel and brush
- Allows water vapour diffusion
- With general approval for building use by construction authorities

TECHNICAL SPECIFICATIONS

Pack type	plastic bucket
Pack size	25 kg = comp. A 12.5 kg comp. B 12.5 kg
Shelf life	12 months
Color component A	grey
Color component B	white
Ideal working temperatures	+ 5 °C to + 25 °C
Mixing ratio	A:B = 1:1
Working Time/ Pot Life	approx. 1 hour*
Set to foot traffic	after approx. 3 hours*
Ready for covering	after approx. 3 hours*
Consumption	approx. 3.8 kg/m² at 2.3 mm thickness

* At 23 °C and 50 % relative humidity.

codex | A brand of Uzin Utz
GB | Uzin Utz UK Ltd. | Unit 2, Mitchell Court | Central Park, Rugby | Warwickshire, CV23 0UY | +44 1788 530 080 | codex.uk@uzin-utz.com | www.codex-x.com
DE | codex GmbH & Co. KG | Heuweg 5/1 | 89079 Ulm | +49 731 927093-0 | info@codex-x.com | www.codex-x.com

CODEX X-TERRA 200

SUBSTRATE PREPARATION

Test substrates in accordance with applicable standards and codes of practice and report any deficiencies. To check the suitability of the substrate for the intended load classes, the requirements of DIN 18533-3 and DIN 18531 and the ZDB "Bonded waterproof membranes" bulletin must be observed.
The substrate must be firm, dry, flat, free of cracks, clean, load-bearing and free of materials that could affect bond strength.
Mechanically prepare smooth concrete surfaces, adhesion-reducing or weak layers and clean dust-free, if necessary. Prepare substrate according to type and properties with suitable primers and smoothing compounds from the codex range of products. Recesses, e.g. blow holes, open cutting butt and grouting joints, chips, must be closed or covered with suitable materials.
Allow primers to always dry completely. Wet cementitious, highly absorbent substrates so they are matt damp before application or prime first with priming slurry from codex X-Terra 200.
For critical substrates, codex UX 410 armoured fabric can be trowelled into the first layer of the waterproofing to provide reinforcement.

Refer to the product data sheets for other codex products used.

APPLICATION

Use as priming slurry:

1. Mix codex X-Terra 200 at a mixing ratio of 1:1 and then dilute with up to 10 % water. Primer application with normal or wide brush.

Application as waterproofing of parts of building in accordance with DIN 18533-3:

1. Bond the codex sealing tape and codex sealing corners to the waterproofing at corners and joints.
2. Then apply codex X-Terra 200 in at least two coats, saturating the substrate. For example, apply with a 6 mm tooth profile and trowel to a closed layer. Apply each layer with a minimum wet layer thickness of 1.4 mm (= 1.2 mm dry layer thickness) to achieve the required minimum dry layer thickness of 2.3mm.
3. Allow the waterproofing to dry completely before carrying out any further work.

IMPORTANT NOTES

- Store in a cool and dry place that is not exposed to frost. Carefully and tightly re-seal opened packaging and use the contents as quickly as possible.
- Best applied at +15 °C to +25 °C and a relative humidity of 75%. Low temperatures and high humidity will delay whilst high temperatures and low humidity will accelerate the setting and drying times. Protect freshly applied material approx .24 hours against heavy rain, infiltration water, frost and direct exposure to light.
- Ensure full bedding when installing the tile and slab covering in combination on the sealing. Use appropriate application technique for this purpose.
- codex X-Terra 200 can also be sprayed, e.g. using the Wagner Plast Coat 830.
- For substrates made of wood or chipboard, metal and plastics, obtain advice on application.
- Clean tools with water while residues are fresh. Cured material can be removed only mechanically.
- The following apply as well, amongst others, or are recommended for special consideration:
  - DIN 18 531-5 “Waterproofing of roofs, balconies and walkways”
  - DIN 18533-3 "Waterproofing of elements in contact with soil"
  - DIN 18 352 “Wall and floor tiling works”
  - ZDB (Central Association of the German Construction Industry) bulletins:
    - “Floor coverings from tiles and slabs outside of buildings”
    - “Movement joints in covering and flooring from tiles and slabs”
    - “Composite seals”
  - BEB bulletin:
    - “Assessment and preparation of substrates”.
  - "Guideline for the planning and execution of waterproofing with mineral sealing slurries"

SEALS OF QUALITY & ECOLABELS

- Low chromate content according to EU-VO 1907/2006 (REACH) (powder component)
  Solvent-free (dispersion component)

CONSTITUENTS

Special binders, polymer dispersion, mineral aggregates, preservation agents and additives.

PROTECTION OF THE WORKPLACE AND ENVIRONMENT

Dispersion component: Solvent-free. Use of barrier cream and ventilation of the work area are recommended. Powder component: Contains cement low in chromate acc. Regulation (EC) No 1907/2006 (REACH). Cement produces strong alkaline on reaction with water. Avoid contact with skin and eyes. In the event of contact, rinse immediately with water. In the event of skin or eye irritation, seek medical advice. Use protective gloves. When mixing wear a protective dust-mask. Presents no physiological or ecological risk when fully cured.

DISPOSAL

Where possible, collect product residues and re-use. Do not allow dispersal into drains, sewers or ground. Dispersion component: Empty, scraped and drip-free containers are recyclable. Containers with liquid residue, as well as the liquid product, are classed as Special Waste. Dried product residues are classed as Construction Waste. Powder component: Empty paper packaging is recyclable. Collect waste

The above information is based on our experience and careful investigations. The variety of associated materials and different construction and working conditions cannot be individually checked or influenced by us. The quality of your work depends, therefore, on your own professional judgement and product usage. If in doubt, conduct a small test or obtain technical advice. Observe the installation recommendations of the covering manufacturer. The publication of this datasheet invalidates all previous Information. The respective updated version of this datasheet can be found on our website: www.codex-x.com | 02/2023

product, mix both components, allow to harden, then dispose as Construction Waste.

The above information is based on our experience and careful investigations. The variety of associated materials and different construction and working conditions cannot be individually checked or influenced by us. The quality of your work depends, therefore, on your own professional judgement and product usage. If in doubt, conduct a small test or obtain technical advice. Observe the installation recommendations of the covering manufacturer. The publication of this datasheet invalidates all previous Information. The respective updated version of this datasheet can be found on our website: www.codex-x.com | 02/2023