

Reinforcement and stress-relieving fleece

# CODEX UX 250

Stress-relieving and reinforcing fleece underlay under tiles and natural stone coverings

## APPLICATIONS

Stress-relieving fleece to relieve tensions from tensile and shearing forces between substrate and covering. For use as a reinforcement layer on flat but problematic substrates, e.g. substrates with mixed patches, old substrates with firmly adhering adhesive and levelling compound residues. For producing great bonding reliability and reducing elaborate renovation measures on critical substrates. Suitable for renovation, restoration, and new buildings on walls and floors, for interior applications.

LEED: Meets the LEED requirements in IEQ Credit (4.1) Low Emitting Materials (LEED v4)

## SUITABLE FOR

- ▶ Residential applications
- ▶ Office and recreation applications
- ▶ Normal load

## SUITABLE ON

- ▶ Cementitious screeds, calcium sulphate screeds or concrete
- ▶ Old substrates with strongly bonded compound and adhesive layers
- ▶ New and old, firmly screw-fixed P4-P7 chipboard or OSB/2 - OSB/4 panels
- ▶ Mastic asphalt screeds
- ▶ Precast screeds, dry screeds
- ▶ Gypsum fibre boards
- ▶ Heated structures



## PRODUCT BENEFITS/FEATURES

- ▶ Provides stress relief
- ▶ Covers cracks
- ▶ Alkaline-resistant
- ▶ Permeable to water vapour
- ▶ No hollow sound

## TECHNICAL SPECIFICATIONS

Pack type	roll
Pack size	50 m <sup>2</sup>
Shelf life	36 months
Color	white
Thickness	approx. 1.1 mm
Burning behaviour	B <sub>fl</sub> s1
Area weight	approx. 250 g/m <sup>2</sup>



## SUBSTRATE PREPARATION

The substrate must be sound, dry, flat, clean, load-bearing and free of materials that could impair adhesion strength.

Test the substrate in accordance with applicable standards or bulletins and report any deficiencies.

Mechanically prepare smooth concrete surfaces, adhesion-reducing or weak layers and clean dust-free, if necessary.

Floorboards must be fastened load-bearing, free from sagging and permanently dry on the beam supports and secured against vertical offset. Reattach loose floorboards, if necessary.

Adequate rear ventilation must be ensured through suitable measures, e.g. edges and/or spacing to other components.

Old flooring must be firmly in place and load-bearing, basically cleaned, sanded and vacuumed off.

Prepare substrate according to type and condition with suitable primers from the codex range of products. Apply levelling compounds before laying the decoupling mat.

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

## APPLICATION

1. Spread out the reinforcing and stress-relieving fleece and cut to size with a knife or scissors. Observe approx. 5 cm butt joint overlap.
2. Lay the thin-bed mortar and comb with a 6 mm notch size, place codex UX 250 into the fresh adhesive bed, press into the adhesive bed, starting at the centre, without bubbles and creases, to wet the whole area.
3. After the thin-bed mortar has hardened, the fleece should only be walked on to install the floor covering to avoid any damages.

## IMPORTANT NOTES

- ▶ Store cool, dry, protected against light and placed upright.
- ▶ Depending on the installation situation, suitable measures, such as expansion strips, sufficient wall spacing, or similar against sound bridges and clamping down the floor covering need to be taken into account.
- ▶ Drying and strength development depend on the climate conditions and thin-bed mortar or levelling compounds used.
- ▶ The substructure of wooden floors must be permanently dry.
- ▶ Mastic asphalt screeds must be well sanded and exhibit a continuous and sufficiently wide perimeter joint. Obtain application consulting for old mastic asphalt screeds.
- ▶ Ensure solid drying of the companion products, such as primers, levelling compounds, etc.

- ▶ The following apply as well, amongst others, or are recommended for special consideration:
  - DIN 18 352 "Tile and slab work"
  - DIN 18 157 "Ceramic work in thin bed processes"
  - ZDB bulletins:
    - "Installation of tiles and slabs on decoupling systems in interior areas"
    - "Coverings on cementitious screed – heated"
    - "Coverings on cementitious screed – unheated"
    - "Coverings on calcium sulphate screed".

## SEALS OF QUALITY & ECOLABELS

- ▶ EMICODE EC 1 PLUS / Very low emission

## CONSTITUENTS

Polyester fleece.

## PROTECTION OF THE WORKPLACE AND ENVIRONMENT

The product itself does not require any special labour protection measures. Refer to the notes on protection of the workplace and the environment in the Product Information Sheets for the other installation materials used.

## DISPOSAL

All product residues are treated as normal construction waste.