

Tile-Change System

codex Keralift

System for ceramic and natural stone for easy removal during later renovation work

Description:

Special fibre fleece for use under ceramic tiling and calibrated natural stone tiles. During later renovation, allows simple, fast and clean removal of large and small format tiling. For interior use only.

codex Keralift fleece is bonded to the prepared substrate using liquid codex Keralift Fixierung and serves as the surface for installation or fixing of the proposed tiling. Unlike normal installation direct to the substrate, installation on codex Keralift offers decisive advantages when it comes to later removal.

Suitable for / on:

- ▶ tiling
- ▶ calibrated natural stone
- ▶ normal wear areas in domestic and commercial locations
- ▶ walls and floors
- ▶ all substrates that conform to required standards
- ▶ UZIN Multimoll Top 4, UZIN Multimoll Top 9 and UZIN Multimoll Top 15
- ▶ warm water underfloor heating systems
- ▶ the tiling to be renovated can be quickly, easily and relatively cleanly removed
- ▶ the substrate remains largely undamaged and is ready for re-tiling without expensive preparation treatment

Product Properties / Benefits:

Ceramic and natural stone tiling bonded direct to the substrate can only be removed for later renovation with effort. The tiles can only be detached by creating a large amount of dust, dirt and noise. Then the substrate with mortar residues and holes needs expensive preparation work before new tiling can be installed. The fear of dirt, time and cost is the main reason for the long replacement cycle with ceramic and stone tiling.



It is different for tiling installed on codex Keralift. They are solidly and strongly bonded yet can be easily, quickly and cleanly removed because they can be pulled away complete with the extremely rip-proof fleece underlay. The substrate can be quickly and easily prepared to receive new tiling. If new codex Keralift is used, this makes the next renovation process just as easy. codex Keralift reduces the costs of renovation of ceramic and natural stone tiling to a minimum.

- ▶ Easy to cut and install
- ▶ Only approx. 1 mm additional thickness
- ▶ For all calibrated tiling
- ▶ Makes tiles easy, quick and clean to remove
- ▶ Eliminates dirt, dust and noise

Technical Data:

Packaging:	roll, plastic drum
Format:	
codex Keralift fleece:	roll 25 m long / 1 m wide
codex Keralift Fixierung:	plastic drum containing 6 kg
Shelf life:	min. 12 months
Colour:	grey
Thickness:	approx. 0.64 mm
Set to foot traffic:	after approx. 24 hours*

* At 20 °C / 68 °F and 65 % rel. humidity.

Substrate Preparation:

The substrate must be flat, sound, free from cracks, dry, clean and free from materials that would impair adhesion. Test the substrate in accordance with applicable standards and report any deficiencies. Thoroughly vacuum rough surfaces, then prime and apply smoothing compound. Select suitable primers and smoothing compounds from the codex Product Guide according to substrate type and occupational use. Always allow primers and smoothing compounds to dry thoroughly. Always prime absorbent surfaces prior to installation with codex Keralift.

codex Keralift can, after thorough cleaning, be installed directly onto existing, well-bonded and smooth finishes such as old tiling, PVC, wood flooring, etc.

Refer to the Product Data Sheets for other codex products used.

Application:

First installation:

1. Apply a thin, even coat of codex Keralift Fixierung onto the flat, smooth surface to the width of the sheet (1 m) using a foam roller (consumption approx. 100 – 150 g/m²). Then lay the cut lengths of codex Keralift fleece into the still wet fixative and rub down ensuring no folds or creases. Lay the next width butt-joined and in the same manner. Allow to dry for at least 24 hours.
2. Onto the bonded sheet, the tiling is now fixed using the thin-bed method according to normal trade practice for large and small format tiling, preferably with hydraulic-setting, flexible thin-bed mortars, codex Power Flex, codex Power Flex Turbo, codex Power Maxx or codex Power Grip. Apply the mixed mortar evenly with a smoothing trowel onto the fleece and comb through with a suitable notched trowel.
3. Lay tiles into the fresh mortar with a light twisting motion and press down. Allow drying times according to the thin-bed mortar used.

Renovation:

1. Starting at the edge, doorway or corner, detach and remove one or more tiles so that the codex Keralift fleece is visible.
2. Loosen the first row of tiles with a wide metal spatula, release the fleece and then pull away with force the complete tiling row by row on the fleece backing. If necessary, loosen any tiles by tapping the edges.
3. After tiling has been removed, release any residues of fleece and fixative on the surface using warm water with a little detergent.
4. Install new tiling onto the cleaned and, if necessary, prepared surface, e.g. as described for "First Installation" above.

Important Notes:

- ▶ Shelf life minimum 12 months in original packaging when stored in dry conditions. Tightly reseal opened containers and use the contents quickly.
- ▶ Movement joints in the substrate can be covered by the fleece, but this must then be cut through and the expansion joint must be reflected through to the surface tiling in the same place.
- ▶ The application quantity of codex Keralift Fixierung should be as little as possible and must not exceed 150 g/m², otherwise later detachment would be more difficult.
- ▶ Newly installed codex Keralift fleece requires 2 to 3 hours drying time until it will accept foot traffic and min. 24 hours until ready for covering.
- ▶ In addition to hydraulic setting thin-bed mortars, large and small format tiling can also be installed on codex Keralift using dispersion- or reaction-resin-based thin-bed adhesives.
- ▶ Do not use in underwater areas or those with persistent exposure to water (e.g. public showers, swimming pools).
- ▶ Clean tools and contaminated surfaces using water.
- ▶ The following standards are applicable and especially recommended:
 - DIN 18 352 "Working with large and small format tiling"
 - DIN 18 157 "Ceramic tile installation using the thin-bed method"
 - ZDB publications:
 - "Bonded damp-proofing"
 - "Coverings on cement screeds – heated"
 - "Coverings on cement screeds – unheated"
 - "Coverings on calcium sulphate screeds"
 - "Exterior coverings"
 - "Interface co-ordination"
 - BEB publications:
 - "Assessment and preparation of substrates"

Protection of the Workplace and the Environment:

Solvent-free. Non flammable. Requires no special protection or precautions in general use. Avoid prolonged contact with skin or contact with eyes.

Disposal:

Where possible, collect all product waste and re-use. Do not allow dispersal into drains, sewers or ground. Empty, scraped and drip-free plastic 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.