

## Applications

LUX ELEMENTS®-COL-FLEX is suitable for thin bed adhesion in accordance with DIN 18157 part 1 of

- ceramic tiles, panels and mosaic
- fine stoneware
- discolouration-resistant natural stone panels
- ceramic coatings in pools

LUX ELEMENTS®-COL-FLEX is particularly used for laying onto

- LUX ELEMENTS® hard-foam support elements or
- alternative LUX ELEMENTS®-DRY-ASK sealants
- Substrates where stresses are a possibility

LUX ELEMENTS®-COL-FLEX meets the flexible mortar guidelines of the Deutsche Bauchemie. It is universal and can be used for indoors, outdoors, walls and floors.

## Product properties

- Suitable for underfloor heating
- Ready to use
- Long working time
- Meets the C2TE-S1 requirements in accordance with DIN EN 12004 and DIN EN 12002
- Waterproof in accordance with DIN EN 12004
- Frost resistant in accordance with DIN EN 12004
- Stable

## Substrate

The substrate must be

- sufficiently dry, strong, load-bearing and form-stable
- free from dust, dirt, oil, grease and loose particles

Parting and sintering layers must be removed by suitable means.

When applying in damp or wet rooms it is necessary to use an additional LUX ELEMENTS®-DRY-ASK sealing in conjunction with ceramic coverings (see ZDB information sheet "Notes for the production of seals in conjunction with tile or panel claddings and coverings for indoor and outdoor use" Status January 2005).

## Recommended use

Stir 25 kg (5 kg) LUX ELEMENTS®-COL-FLEX into 7.5 (1.5) litres of cold and clean water. The use of a stirring machine with 600 rpm is recommended. The laying compound should be applied and spread using a suitable comb-type smoothing implement.

Push the floor covering into the fresh adhesive bed and press in.

LUX ELEMENTS®-COL-FLEX is suitable for the floating, buttering or combined buttering-floating methods.

Unevenness of up to 5 mm can be levelled out before applying the actual adhesive. Equipment should be cleaned directly after use.

Working life:	approx. 4 hours at +18 °C	
Skin formation:	after approx. 20 minutes	
Passable, available:	after approx. 16 hours indoors	
Working temperature:	not less than + 5 °C or more than 30 °C	
Consumption:	with 6 mm comb:	approx. 2.1 kg/m <sup>2</sup>
	with 8 mm comb:	approx. 2.8 kg/m <sup>2</sup>
	with 10 mm comb:	approx. 3.0 kg/m <sup>2</sup>

## Storage

- Store LUX ELEMENTS®-COL-FLEX cool and dry
- Shelf life 1 year (in unopened drums)
- Seal opened drums immediately and use up when still flexible

**GISCODE**

ZP1 – Cementable product, low chromate in accordance with regulation (EC) No 1907/2006 (REACH) of the European parliament and of the council

The relevant recommendations and guidelines, as well as DIN regulations, European standards and safety datasheets are to be observed. The recognised architectural and technical rules apply. We accept liability for the perfect quality of our products. Our processing recommendations are based upon trials and practical experience; they can, however, be no more than general instructions without assurance as to their quality, since we have no influence on the site conditions, on the execution of the work and the processing. With the issuing of this product datasheet previous versions cease to be valid.

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