

Applications

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

- ceramic tiles and panels
- fine stoneware tiles
- discoloration-resistant natural and artificial stone panels for indoor and outdoor use

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

- LUX ELEMENTS® hard foam support elements
- LUX ELEMENTS®-ELEMENT floor covering system
- LUX ELEMENTS®-TWIN disconnected floor covering system

Product properties

- Quick hardening
- Long working time
- Suitable for underfloor heating
- Meets the C2 FE requirement in accordance with DIN EN 12004
- Frost resistant in accordance with DIN EN 12004
- Waterproof in accordance with DIN EN 12004
- High initial strength

Substrate

The substrate must

- have sufficient load bearing capacity, dryness, rigidity and be free from dust and parting agents
- 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 LUX ELEMENTS®-COL-FBK into 6.0 litres of clean cold water. The use of a stirring machine with 600 rpm is recommended. Adhesion takes place on the basis of the floating method. 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 before the skin starts to form.

Surface unevenness of up to 10 mm can be levelled out with LUX ELEMENTS®-COL-FBK. Do not mix water or powder with material which is already drying. Equipment can be cleaned with water directly after use.

Working life:	approx. 60 minutes at +18 °C
Skin formation:	after approx. 20 minutes
Passable:	after approx. 4 hours
Available:	after approx. 4 hours indoors
Working temperature:	not less than +5 °C
Temperature resistance	-20 °C to +80 °C

Consumption:

with 6 mm comb	approx. 2.6 kg/m ²
with 8 mm comb	approx. 3.0 kg/m ²
with 10 mm comb	approx. 3.6 kg/m ²

Storage

- Cool and dry
- Shelf life 6 months (in unopened drums)
- Seal opened drums immediately and use up quickly

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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