

Applications

LUX ELEMENTS®-COL-AK is a ready-mixed dry mortar for the fixing and adhesion of LUX ELEMENTS® hard foam support elements. LUX ELEMENTS®-COL-AK is suitable for indoor and outdoor use.

Product properties

- Fast bonding
- Waterproof in accordance with DIN EN 12004
- Stable
- Frost resistant in accordance with DIN EN 12004

Substrate

The substrate must have a sufficient load-bearing capacity and be free from dirt and parting agents. Remove parting and sintering layers by suitable methods. LUX ELEMENTS®-COL-AK may be used only for initial adjustment and fixing onto coats of paint, old plaster, old tiled surfaces and other critical substrates. Additional mechanical anchoring is required (LUX ELEMENTS®-FIX) in these cases.

Recommended use

Stir 25 kg (5 kg) LUX ELEMENTS®-COL-AK into approx 5.75 litres (1.15 litres) of clean cold water, placed in a clean container. The use of a stirring machine with 600 rpm is recommended. Depending on the evenness of the substrate, apply palm-sized dots (floor: 25–36/m², wall: 8–10/m²) of LUX ELEMENTS®-COL-AK to one side of the hard foam support element. For full-surface adhesion spread LUX ELEMENTS®-COL-AK as a contact layer onto the substrate and then apply to the entire area of the element with a 8 mm comb.

LUX ELEMENTS®-COL-AK is also suitable for gluing elements on top of one another and edge-to-edge. LUX ELEMENTS®-COL-AK must not be used at substrate temperatures below +5 °C or in very hot or windy conditions.

Working life:	approx. 45 minutes at +18 °C
Ripening time:	approx. 5 minutes
Skin formation:	after approx. 15 minutes
Passable:	after approx. 3–4 hours
Material consumption:	depending on thickness of application, approx. 4–10 kg/m ²

Storage

- Cool and dry
- Shelf life 6 months (in unopened drums)

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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