

Product Description

LUX ELEMENTS®-DRY-ASK is a single component, water-impermeable, fissure-bridging and flexible sealing compound for indoor and outdoor use. LUX ELEMENTS®-DRY-ASK is particularly suitable for sealing LUX ELEMENTS® hard foam support elements.

Systembestandteile

- **LUX ELEMENTS®-DRY-DB** is a sealing tape fleece backed on both sides, which is ideally suited for wall/floor connections and for the formation of wall corners.
– width: 100 mm
– thickness: approx. 0,6 mm
- **LUX ELEMENTS®-DRY-DBIE/AE** are deep drawn interior or exterior corners fleece backed on both sides, which are ideally suited for fast and secure formation of corner seals (suitable for LUX ELEMENTS®-DRY-DB).
- **LUX ELEMENTS®-DRY-DBDZM** is a PVC expansion zone sleeve fleece backed on both sides for the fast and secure sealing of pipe ducts.
– dimensions: 120 mm x 120 mm and 150 x 150 mm
- **LUX ELEMENTS®-DRY-DBWM** is a fleece backed wall sleeve for fast and secure finishing or sealing of pipe ducts (1/2 inch).
– Dimensions: 120 mm x 120 mm
- **LUX ELEMENTS®-COL-FLEX** is a flexible cement powder adhesive suitable for the thin-bed adhesion in accordance with DIN 18157 Part 1 of:
– of ceramic tiles, panels and mosaic
– fine stoneware
– discolouration-resistant natural stone panels
– ceramic coatings in pools

LUX ELEMENTS®-COL-FLEX meets the C2TE-S1 requirements according to EN 12004 and EN 12002.

Properties

- suitable for underfloor heating
- waterproof
- permeable for water vapour
- frost resistant
- high elasticity
- high adhesive strength
- non-ageing
- hydraulic hardening

Applications

LUX ELEMENTS®-DRY-ASK is a liquid-processed, bonded sealing material as described in DIN 18534 Part 3. It is usable for the water action classes W1-I, W2-I and W3-I as AIV-F.

LUX ELEMENTS®-DRY-ASK corresponds to the requirements of the following moisture load groups A0 and A for sealing materials in the information sheet "Composite sealing - Advice for the application of liquid sealing in conjunction with tile or panel claddings and coverings for indoor and outdoor use" Status August 2012.

LUX ELEMENTS®-DRY-ASK has building authority approval, for making composite sealing in highly demanding wet areas, for the following load class A according to the building rules list A, part 2 number 2.50. It also meets the requirements of the test principles for granting a general building authority approved test certificate for liquid sealing materials used in conjunction with tiles and paving (G-AIV-F June 2010).

Furthermore the LUX ELEMENTS®-DRY-ASK is system component of the LUX ELEMENTS®-WATERTIGHT SOLUTION sealing system and fulfils the directive for the European Technical Approval for "Seals for walls and floors in wet rooms - Part 3: Building kits with waterproof panels", ETAG 022-3.



Substrates

Requirements of substrate:

- sufficiently dry, strong, load-bearing and form-stable
- free from dust, dirt, oil, grease and loose particles and varnish and dispersion layers
- parting and sintering layers must be removed by suitable means

LUX ELEMENTS®-DRY-ASK is suitable on:

- LUX ELEMENTS® hard foam support elements
- concrete
- brick work (completely filled joints)
- cement screeds
- gypsum screeds (only for moisture loading class 0)
- old ceramic coverings
- cement plaster, lime-cement plaster (CS II, CS III or CS IV according to DIN EN 998-1, compression strength $\geq 2,5 \text{ N/mm}^2$)
- gypsum plaster (according to DIN EN 13279-1, compression strength $\geq 2,5 \text{ N/mm}^2$)
- hollow wall panels of light weight concretes
- pre-cast aerated concrete wall slab

Verarbeitungsempfehlung

Stir 20 kg LUX ELEMENTS®-DRY-ASK into 5.2 l clean water in a clean container. The use of a stirring machine with 600 rpm is recommended. The application of LUX ELEMENTS®-DRY-ASK is carried out in two steps. The minimum layer drying thickness mentioned further below must be maintained for the complete sealing. The first layer can be applied with a swab, roller or smoothing trowel; the second application should always be with a smoothing trowel. To achieve a smoothable consistency, you can add approx. 0.5 l water for the first layer.

The sealant should be protected from sunlight and draughts during and after application. Embed LUX ELEMENTS®-DRY-DB joint sealing tape and sealing collars into the fresh layer. Ensure that the full surface is carefully and completely covered or filled and applied to the sealing layer. Ensure this is done carefully. Adhere tiles directly to the thoroughly dried sealant. In the building authority approvals applications/areas the gluing is carried out with LUX ELEMENTS®-COL-FLEX.

Equipment should be cleaned directly after use.

Working life:	approx. 60 minutes at +18 °C
Working temperature:	not less than +5 °C
Temperature resistance:	-20 °C to +80 °C
Passable/drying time:	between 1st and 2nd application: after approx. 5 hours
Ready to cover:	after approx. 24 hours
Fissure bridging:	> 0.40 mm according with the test principles for granting a general building authority approved test certificate
Material consumption (powder):	approx. 2.6 kg / m ² for two layer application use in the building authority approvals applications/areas (Exposure classes A0 and A)
-	- approx. 0.2 kg/m ² for the embedding of LUX ELEMENTS®-DRY-DB/DBV
Layer thickness:	- Exposure groups A0 and A: Min. wet layer thickness 1.2 mm per application Min. dry layer thickness of the complete sealing is 2 mm
Colour:	grey

Storage

- store in a cool, dry and frost-free place
- 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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