

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.

System components

- **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.
- **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.
- **LUX ELEMENTS®-DRY-DBWM** is a fleece backed wall sleeve for fast and secure finishing or sealing of pipe ducts (1/2 inch).

Properties

- suitable for underfloor heating
- waterproof
- permeable for water vapour
- frost resistant
- high elasticity
- high adhesive strength
- non-ageing
- hydraulic hardening
- odour and dust-minimised
- very low emissions PLUS

Applications

LUX ELEMENTS®-DRY-ASK is a liquid-processed, bonded sealing material in combination with tile coverings and pavings (AIV-F) 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 has building authority approval for making composite sealing with tile coverings and pavings for constructional waterproofing in accordance with the administrative regulation Technical Building Regulations (VV TB, Nds.), serial number C3.27.

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 (pre-wetted)
- 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 $\geq 2,5 \text{ N/mm}^2$) (primed)
- pre-cast aerated concrete wall slab (primed)

Recommended use

Stir 15 kg LUX ELEMENTS®-DRY-ASK into 3.75 l (spreadable) or 4.8 l (smoothable) clean water in a clean container. Stir with a suitable mixer (e.g. company Colomix) until there are no lumps and stir again after 3 minutes. 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 (fully covered, quantity of water 290 ml/kg) can be applied with a swab, roller or smoothing trowel; the second application should always be with a smoothing trowel.

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.

Equipment should be cleaned directly after use.

Working life:	approx. 60 minutes at + 18 °C
Working temperature:	not less than + 5 °C and + 25 °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. 5 hours
Water resistant:	after approx. 7 days
Material consumption (powder):	– approx. 2.5 kg/m ² at 2 mm dry layer thickness – approx. 0.2 kg/m ² for the embedding of LUX ELEMENTS®-DRY-DB
Layer thickness:	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 9 months (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.