

Product Description

- LUX ELEMENTS®-DRY-DF is a sealing system for laminar components.
- LUX ELEMENTS®-DRY-DF was developed as a sealing in conjunction with tiles and panels.
- The sealing film LUX ELEMENTS®-DRY-DF is bonded with cementable flexible tile adhesive on even surfaces.
- LUX ELEMENTS®-DRY-DF is an unprofiled, sealing film fleece backed on both sides that is ideally suited for use as a laminar seal in indoor areas.
- Dimensions: width: 1000 mm / thickness: approx. 0,6 mm (film thickness 0,2 mm)

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.
 - width: 120 mm
 - thickness: approx. 0,5 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®-DRY-ASK** is a single-component, water-impermeable, crack-bridging and flexible sealing compound.

Properties

LUX ELEMENTS®-DRY is waterproof and resistant to the usual chemical exposure that occurs during tile laying. The fleece backed product is age resistant and do not rot.

Refer to the general building authority approved test certificate P-5200/3136-MPA BS for further technical data.

Applications

LUX ELEMENTS®-DRY-DF is suitable for laminar, alternative seals on floors or walls. LUX ELEMENTS®-DRY-DB and the alternative single compound LUX ELEMENTS®-DRY-ASK system components complete the sealing at transitions, corner etc.

The LUX ELEMENTS®-DRY-DF product is equivalent to the bonded web-type sealing material as described in DIN 18534 Part 5. It is usable for the water action classes W1-I and W2-I as AIV-B. We would ask that you consult our Technical Department before using them in the water action class W3-I.

LUX ELEMENTS®-DRY-DF has building authority approval, for making composite sealing in highly demanding wet areas, for the following load classes A and C 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 web-type sealing materials used in conjunction with tiles and paving (PG-AIV-B of May 2014).

General building authority approved test certificate P-5200/3136-MPA BS from the MPA Braunschweig.



Substrate

Substrate requirements:

- clean, firm and even
- the substrate must correspond with the requirements of the cementable flexible tile adhesive

Recommended use

The cementable flexible tile adhesive is applied over the entire substrate with a 4 mm V-notched trowel. Press LUX ELEMENTS®-DRY-DF into the adhesive over its entire surface. The smooth side of the notched trowel is recommended for pressing in, or otherwise use a smoothing trowel which should be pulled diagonally over the sealing membrane, applying light pressure. Make sure there are no air inclusions.

An overlap of 75 mm should be provided at the joints, which is first not bonded down. Leave the freshly-laid sealing membranes for at least 8 hours before walking on them in order to prevent the membranes from sliding out of place or forming creases.

Finally, seal the overlapping joints carefully with LUX ELEMENTS®-DRY-ASK (apply with brush or spatula). In the second step, the joint is filled using LUX ELEMENTS®-DRY-ASK.

For inner and outer corners, use prefabricated LUX ELEMENTS®-DRY-DBIE (inner corner) and LUX ELEMENTS®-DRY-DBAE (outer corner). These are glued in accordingly using LUX ELEMENTS®-DRY-ASK.

The connection to the adjacent/rising components is to be manufactured by the bonding of LUX ELEMENTS®-DRY-ASK using LUX ELEMENTS®-DRY-DB (sealing tape).

The connection to pipe ducts is done using the LUX ELEMENTS®-DRY-DBDZM expansion zone sleeves or via the wall sleeve LUX ELEMENTS®-DRY-DBWM. These are pulled tight over the pipe duct. The adjacent LUX ELEMENTS®-DRY-DF sealing membrane is to be brought up to the duct and connected without cavities (overlap at least 50 mm).

Storage

- cool and dry, keep away from direct sunlight
- shelf life is at least 18 months from date of shipment

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.

LUX ELEMENTS GmbH & Co. KG

An der Schusterinsel 7
D - 51379 Leverkusen-Opladen
Tel. +49 (0) 21 71/72 12-0
Fax +49 (0) 21 71/72 12-40
info@luxelements.de

LUX ELEMENTS S.A.S

ZI-31, rue d'Ensisheim
F - 68190 Ungersheim
Tél. +33 (0) 3 89 83 69 79
Fax +33 (0) 3 89 48 83 27
info@luxelements.fr