**Product Description**

LUX ELEMENTS®-TUB-WALL shower drain elements consist of a hard foam core of expanded polystyrene with special mortar coating on both sides reinforced with glass fibre fabric and factory-made sealing on the upper side and integrated wall drain.

**Applications**

LUX ELEMENTS®-TUB-WALL shower drain elements are provided with ceramic covering and can be used wherever building regulations stipulate barrier-free construction e.g. in homes for the elderly, disabled person’s dwellings etc. and of course wherever the comfort and aesthetics of modern building methods are desirable. We offer precisely fitting gradient elements for the LUX ELEMENTS®-TUB-WALL shower drain elements. Thus our shower base ≥ 120 x 120 cm and ≥ 150 x 150 cm are certified according to the appropriate standards.

**Substrate**

- firm, load-bearing, clean and vibration-free mineral floors

**Recommended use**

The LUX ELEMENTS®-TUB-WALL shower drain elements can be shortened. In all cases, a 50 mm wide margin must remain, measured from the edge of the installation frame. Holes (Ø 5 mm) can be drilled all round in the edge above the factory seal for the secondary drainage. 

**Note also the enclosed assembly instructions „LUX ELEMENTS®-TUB-WALL Instructions for assembly“**

**Covering materials**

The LUX ELEMENTS®-TUB-WALL shower drain elements were specially developed for coverings with ceramic covering materials. The ceramic covering takes on the function of the load distribution layer. The loads that can be anticipated in use are to be specified by the specialist planner. The covering must be selected according to the specified load.

Mosaic ≥ 20 x 20 x 4 mm with front-mount adhesive film can be used as the lining for both low exposures and heavier loads (e.g. wheelchair use of up to 200 kg) so long as a reaction resin is used for gluing and joining. If the size of the tiles is ≥ 50 x 50 mm, tile adhesive of quality grade C2 can be used for gluing and a cementitious grout material for joining. Ensure that the tiles/mosaic pieces have a sufficient breaking strength. The shower base element should not be subjected to loads greater than 0.1 N/mm².

The installation of a hair trap (TUB-LINE-BAZ HS) can reduce the drainage capacity by up to 0.2 l/s. The installation of the Multistop (TUB-LINE-BAZ STOP) can increase the drainage capacity by up to 0.2 l/s.

**Technical Specifications**

- Pressure strength: 0.1 N/mm²
- Including wall drain (horizontal) and odour trap
- Sealing water height: 22 mm
- Floor channel drain: ABS plastic
- Grate: stainless steel 1.4301

Other than the standard descending gradient are possible as special designs.

<table>
<thead>
<tr>
<th>DN 50, horizontal Drain performance (l/s) in accordance with EN 1253</th>
<th>Covering thickness (tile + adhesive)</th>
</tr>
</thead>
<tbody>
<tr>
<td>LUX ELEMENTS®-TUB-WALL</td>
<td>0,5</td>
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</table>
In general

Please note that with flush with the floor shower bases, in the case of
- a low slope
- rough ceramics
- the lack of a shower enclosure
- unfavourable shower head placement
- high water pressure or high quantity of water (e.g. in the case of flood showers)

water can run out of the shower area or accumulate. Please refer to our planning aids and FAQ’s for the planning of shower bases on our website (www.luxelements.com).
Accessories

LUX ELEMENTS®-TUB-LINE-BAZ STOP is a retrofittable odour, foam and vermin barrier, which can be installed instead of a standard siphon trap.

LUX ELEMENTS®-TUB-LINE-BAZ HS is a removable PP plastic hair trap.

LUX ELEMENTS®-TUB-BAZ BST is an adapter from DN 50 to British Standard, made of PVC.

LUX ELEMENTS®-TUB-BAZ DN 50/40 is a DN 50 to DN 40 reducer with lip seal.

LUX ELEMENTS®-TUB-TSM, impact sound insulating mat, 1250 x 1250 x 6 mm. (see data sheet LUX ELEMENTS®-TUB-TSM)

LUX ELEMENTS®-TUB-BAZ HTK replaces six traditional HT bends from 0 to 87 degrees. (see data sheet LUX ELEMENTS®-TUB-BAZ HTK)
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.