

## WPM<sup>®</sup> WATERTIGHT ELEVATOR PIT

LS E 1001-1  
16.10.2023

### PRODUCT DESCRIPTION

WPM<sup>®</sup> WATERTIGHT ELEVATOR PIT is a precast monolithic watertight concrete element. Precast elements' water-tightness is achieved by using crystalline waterproofing admixture in the concrete. The product consists of a bottom, side walls, lifting hooks, and WPM<sup>®</sup> Metal Sheet Waterstop 125R installed on the side wall's upper edge - ensuring a watertight construction joint between the elevator pit element and the floor slab.

### AREA OF APPLICATION:

WPM<sup>®</sup> WATERTIGHT ELEVATOR PIT is used as a watertight bottom element for the underground part of elevator shafts.

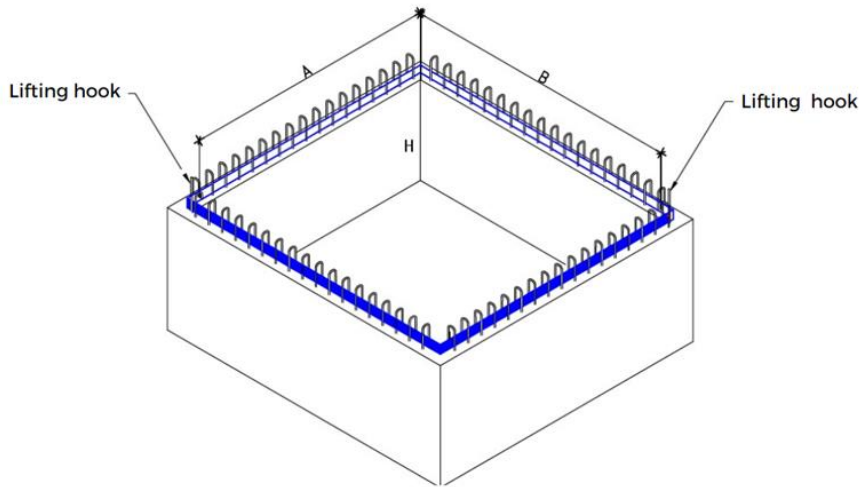
### PROPERTIES:

- Watertight precast elevator pit element
- Rebar rods - convenient connection with the floor slab
- The installation is not dependent on the weather
- A monolithic concrete element without construction joints at the bottom slab – better watertightness
- Officially tested at TalTech University - Test No. N° 389/23
- Maximum water penetration dept under (500±50 kPa - 5 bar) pressure is 14 mm.
- Made in Estonia

### SPECIFICATIONS:

- Designed geometric tolerances ±5 mm
- Concrete environmental class XC2
- Concrete strength class C30/37
- Water cement ratio 0,45
- Inner and outer surface - mold surface
- Reinforcement steel class B500B
- Reinforcement protection layer
  - Outside 45 mm
  - Inside 25 mm
- Fire resistance R60
- Weight approx. 2,8 t
- Installation temperature: no limits

The information given on the product page is based on and corresponds to the available information. The warranty covers the materials and does not extend to their incorrect installation and intended use. It is the user's responsibility to assess the material's suitability for the place of use. In case of doubt, it is necessary to carry out trial tests or ask for advice from the manufacturer



Watertight Elevator Pit	Width (mm) A	Length (mm) B	Depth (mm) H	Wall/floor thickness (mm)
LS E 1001-1	1650	1800	650	120 / 140

**APPLICATION:**

Install the WPM<sup>®</sup> WATERTIGHT ELEVATOR PIT on fresh construction concrete.

**CAUTION! ATTENTION!**

The outer walls of the WPM<sup>®</sup> WATERTIGHT ELEVATOR PIT are 120 mm thick. The permitted depth of the mounting holes to be drilled is a **maximum of 80 mm**. If the permitted depth is exceeded, it is not possible to guarantee the watertightness of the WPM<sup>®</sup> WATERTIGHT ELEVATOR PIT.

**SAFETY:**

Follow general safety rules.

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