

### Description and functions

With the development of the patented LUNOtherm façade element, LUNOS has met the desire for a smooth façade interrupted only by the windows. For the first time, outer wall air vents can be installed to provide all their benefits such as high airflow, freedom from draught, hygiene and noise protection while remaining almost invisible in the exterior appearance of the building.

For this purpose, the LUNOtherm is inserted as a finishing element into the insulation layer of the thermal insulation composite system (ETICS). The supply air or exhaust air opening is then located in the window lintel, the window reveal or below the window sill (only on request). It can be mounted above or on the side of the window, so that the combination with a roller shutter box is also possible without

any problems.

The facade element is inserted into the insulation layer of the ETICS. Care has been taken to ensure that the LUNOtherm does not weaken the insulation capacity of the ETICS. The element mainly consists of a flow gap and an insulating layer. The entire unit has the same thickness as the insulation and is ordered according to the insulation thickness. Depending on the fire protection properties of the existing ETICS, LUNOtherm A can be used for non-combustible facades (mineral wool) or LUNOtherm B for fire-retardant facades (Styrofoam). The installation situation always remains the same. Furthermore, the deflection results in improved sound insulation as well as lower wind loads.

### Installation

The facade element of each variant itself is always the same height and width, but the thickness is variable in order to be adjusted to the existing insulation thickness.

The attachment to the façade is carried out by means of commercially available insulation dowels. In doing so, the element is inserted flush with the reveal of

the building shell. With the integrated plaster protection frame in the front plate, plaster thicknesses of up to 40 mm can be bridged, into which the insect protection screen is inserted. The plaster baseboard of the LUNOtherm can easily be reinforced and then plastered, which means that the element is no longer visible.

### Technical data

LUNOtherm A	Dimensions in mm (W x H x D) 490 x 980 x (variable)
LUNOtherm A FS (only on request)	Dimensions in mm (W x H x D) 505 x 980 x (variable)
LUNOtherm B	Dimensions in mm (W x H x D) 500 x 1000 x (variable)
LUNOtherm B FS (only on request)	Dimensions in mm (W x H x D) 515 x 1000 x (variable)
Available thicknesses	60– 240 mm

Insulation thicknesses higher than 240 mm in steps of 20 mm available on request

Thermal conductivity ( $\lambda$ )  
0,03 W/mK

### Accessories and further details

Insect protection screen  
*Grills not included into the LUNOtherm!*  
1/IL WE (White)  
1/IL AZ (Anthracite)

Brand LUNOS  
Type LUNOtherm  
Order No. see price list 2017

Manufacturer's warranty: 2 years

### Note

Products and illustrations may vary slightly.

Due to continuous product development and/or several suppliers e.g. for raw materials, colours, among other things, may vary slightly or be shown differently in brochures.



LUNOtherm A



LUNOtherm B



LUNOtherm FS

E252 01.17 EN

Editing status: January 2017