



# Fire protection implementation LUX-ECO

## DESCRIPTION

Inexpensive wall, ceiling and roof penetration for insulated flue pipes

## MATERIAL

Pipe shell made from non-combustible fiberglass insulation Vario-therm

## NOMINAL DIAMETER (DN)

Up to max. DN 250 mm

## LENGTHS

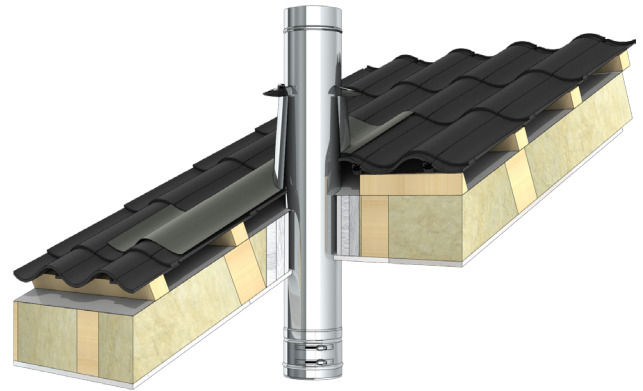
500 mm or 1000 mm, can be shortened to the desired installation length

## WALL THICKNESS

Up to max. 360 mm

## CEILING THICKNESS

Up to max. 500 mm



## CHARACTERISTICS

- Approved for the implementation of insulated flue pipes, connecting pipes and chimneys
- Max. flue gas temperature 400°C (T400)
- Significant reduction in the lateral distance for flue pipe penetrations compared to FeuVo
- Particularly practical for pitched roofs and buildings with external insulation

## PARTICULARITIES

- Only 125 mm distance from the stovepipe components to combustible materials
- Max. length when used as a wall duct  $\leq 360$  mm
- Max. length when used as a ceiling or roof penetration  $\leq 500$  mm
- Wall, ceiling and roof penetration can be customized to the desired length
- Please note the information in the licence

## LICENSE NUMBER

Z - 7.4 - 3469  
(for walls up to max. 360 mm, for ceilings and roofs max. 500 mm)

## CLASSIFICATION

T400 - L<sub>A</sub>00



# Fire protection implementation

## LUX-ECO

|                   | Description                                | DN Ø insulated exhaust system in mm | Bore of the LUX-ECO in mm | Installation dimensions (outer diameter wall, ceiling, roof penetration) |
|-------------------|--------------------------------------------|-------------------------------------|---------------------------|--------------------------------------------------------------------------|
| <b>LUX-ECO50</b>  | Wall, ceiling and roof penetration 500 mm  | 130                                 | 210                       | 380                                                                      |
| <b>LUX-ECO100</b> | Wall, ceiling and roof penetration 1000 mm | 130                                 | 210                       | 380                                                                      |
| <b>LUX-ECO50</b>  | Wall, ceiling and roof penetration 500 mm  | 150                                 | 230                       | 400                                                                      |
| <b>LUX-ECO100</b> | Wall, ceiling and roof penetration 1000 mm | 150                                 | 230                       | 400                                                                      |
| <b>LUX-ECO50</b>  | Wall, ceiling and roof penetration 500 mm  | 180                                 | 260                       | 430                                                                      |
| <b>LUX-ECO100</b> | Wall, ceiling and roof penetration 1000 mm | 180                                 | 260                       | 430                                                                      |
| <b>LUX-ECO50</b>  | Wall, ceiling and roof penetration 500 mm  | 200                                 | 280                       | 450                                                                      |
| <b>LUX-ECO100</b> | Wall, ceiling and roof penetration 1000 mm | 200                                 | 280                       | 450                                                                      |
| <b>LUX-ECO50</b>  | Wall, ceiling and roof penetration 500 mm  | 250                                 | 330                       | 500                                                                      |
| <b>LUX-ECO100</b> | Wall, ceiling and roof penetration 1000 mm | 250                                 | 330                       | 500                                                                      |

Insulated wall/  
ceiling/roof sleeve  
Kit with glue and  
fireproof plate

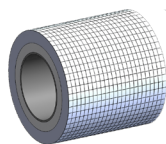
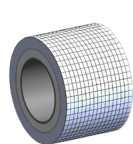
Insulated wall/  
ceiling/roof sleeve  
Kit with glue and 2  
fireproof plates

Fire proof plate  
Vermiculit  
(615x615mm),  
20mm wall thick-  
ness

Fire proof plate  
Vermiculit  
(1050x1050mm),  
20mm wall thick-  
ness

Fire protection glue  
(bag 850 g)

Multifunctional knife

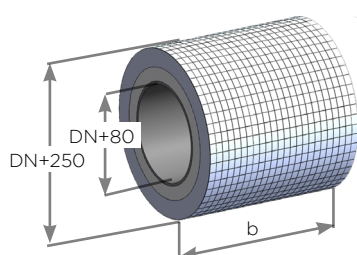


| LUX-ECO50Ø     | LUX-ECO100Ø    | LUX-ECOABS0615X0615 | LUX-ECOABS1050X1050 | LUX-BSK1 | LUXHRC  |
|----------------|----------------|---------------------|---------------------|----------|---------|
| 130 634,00 €   | 130 1.198,00 € | 68,00 €             | 332,00 €            | 21,00 €  | 38,00 € |
| 150 683,00 €   | 150 1.292,00 € |                     |                     |          |         |
| 180 777,00 €   | 180 1.464,00 € |                     |                     |          |         |
| 200 851,00 €   | 200 1.593,00 € |                     |                     |          |         |
| 250 1.010,00 € | 250 1.914,00 € |                     |                     |          |         |

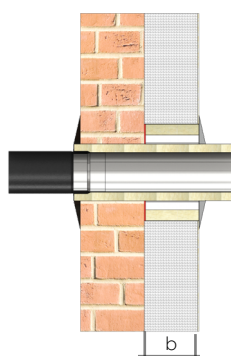
Installation in  
external wall insulation:

Installation in  
combustible wall

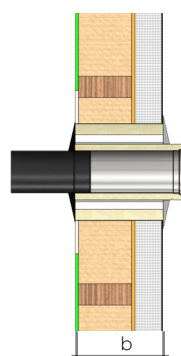
Installation in  
Roof / pitched roof



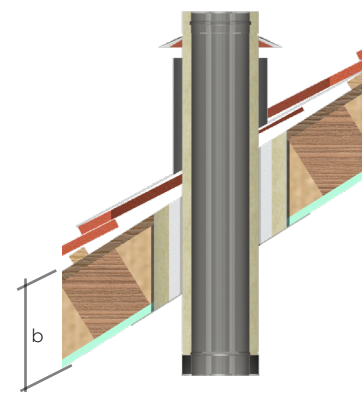
b = max. installation length  
(see illustrations on the right)



component depth  $b \leq 180$   
mm



component depth  
 $b \leq 360$  mm



Vertical component depth  
 $b \leq 500$  mm