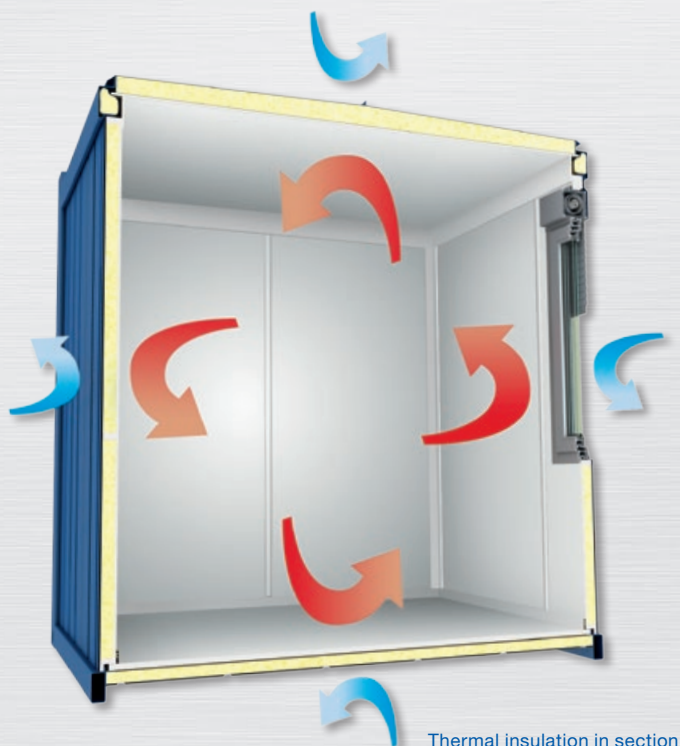


# Thermal insulation for space systems



## ABBREVIATIONS:

**MW** = Mineral wool  
**PU** = Polyurethane  
**PIR** = Polyisocyanurate  
**SW** = Rock wool

*U-value: U-value measured in  $W/(m^2K)$   
 – refers to the stated insulation thicknesses*

*Other designs and information in accordance with our technical description*

## Roof insulation

100 mm MW	U-value 0,359
140 mm MW	U-value 0,233
100 mm PU	U-value 0,198
140 mm PU	U-value 0,145

## Wall insulation

60 mm MW	U-value 0,574
100 mm MW	U-value 0,348
60 mm PU	U-value 0,380
110 mm PU	U-value 0,220
110 mm PIR	U-value 0,200
60 mm SW	U-value 0,660
110 mm SW	U-value 0,342

## Floor insulation

60 mm MW	U-value 0,548
100 mm MW	U-value 0,364
100 mm PU	U-value 0,196
with an additional 100 mm PU foam base	U-value from 0,161

## Window & door insulation

Office window with double glazing	U-value 1,40
Office window with triple glazing	U-value 1,10
External door 875x2000 mm	U-value 1,90
External door 875x2125 mm	U-value 1,80
External door 1000x2000 mm	U-value 1,80
External door 1000x2125 mm	U-value 1,70

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