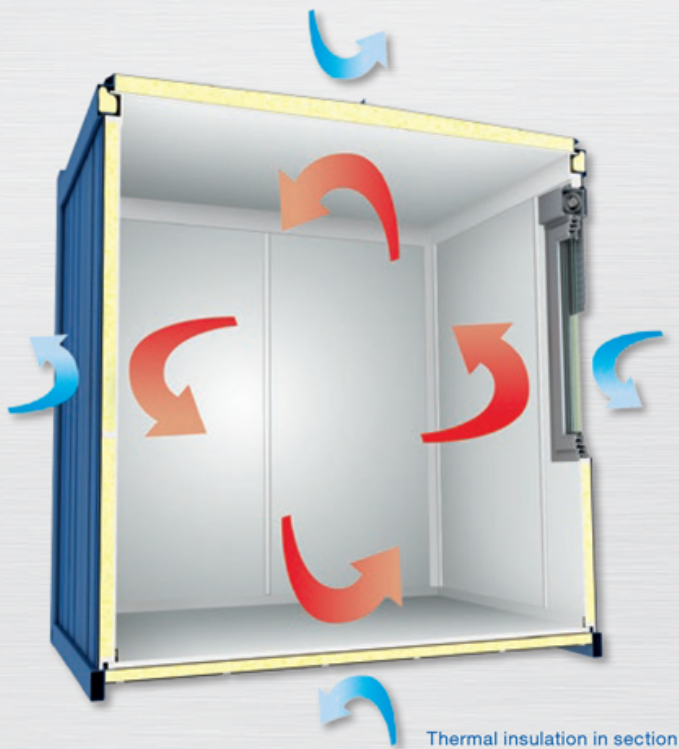


Thermal insulation for space systems



ABBREVIATIONS:

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

*U-value = Heat transfer coefficient in $W/(m^2K)$
 – refers to the stated insulation thickness in the infill*

Other designs and information in accordance with our technical description

Roof insulation

100mm MW	U-value 0.36
140mm MW	U-value 0.23
100mm PU	U-value 0.20
140mm PU	U-value 0.15

Wall insulation

60mm MW	U-value 0.57
100mm MW	U-value 0.35
60mm PU	U-value 0.38
110mm PIR	U-value 0.20
60mm SW	U-value 0.65
110mm SW	U-value 0.35

Floor insulation

60mm MW	U-value 0.55
100mm MW	U-value 0.36
100mm PU	U-value 0.20
with an additional 100mm PU foam base	U-value up to 0.12

Window & door insulation

Office window with double glazing	U-value 1.40
Office window with triple glazing	U-value 1.10
External door 875x2125 mm	U-value 1.90
External door 1000x2125 mm	U-value 1.80