

## Fire rated components



Better safe than sorry  
– with our flexible fire protection system.

### YOUR ADVANTAGES:

- Flexible fire protection system for single cabins and modular buildings
- Quick installation through pre-assembled fire protection components
- Highest fire resistance classes



### ROOF\*

Fire resistance	Insulation material	Thickness mm	U-value W/(m <sup>2</sup> K)
<b>REI 30</b> (30 min)	MW	100	0.36
	MW	140	0.23
	PU	100	0.20
	PU	140	0.15
<b>REI 60</b> (60 min)	MW	100	0.36
	MW	140	0.23
	PU	100	0.20
	PU	140	0.15
<b>REI 90</b> (90 min) valid from week 46/2020	MW	140	0.23
	PU	140	0.15
<b>REI 90</b> (90 min) valid until week 45/2020	MW	100	0.36
	SW+PU	40+60	0.24

### WALL COMPONENT\*

Fire resistance	Insulation material	Thickness mm	U-value W/(m <sup>2</sup> K)
<b>EI 30</b> (30 min)	SW	60	0.66
	PIR	110	0.20
<b>EI 90</b> (up to 90 mins)	SW	110	0.34

### ABBREVIATIONS:

**MW** = Mineral Wool | **PU** = Polyurethane  
**PIR** = Polyisocyanurate | **SW** = Rock Wool  
**R** = Load bearing capacity | **E** = Partition | **I** = Insulation

U-value = heat transfer coefficient in W/(m<sup>2</sup>K)  
refers to the stated insulation thickness in the infill

\* By using high-quality fire protection components (sheet metal, rock wool, etc.), a wide variety of fire resistance classes and insulation values can be achieved and are confirmed by our own classification reports.

### Contact us

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