

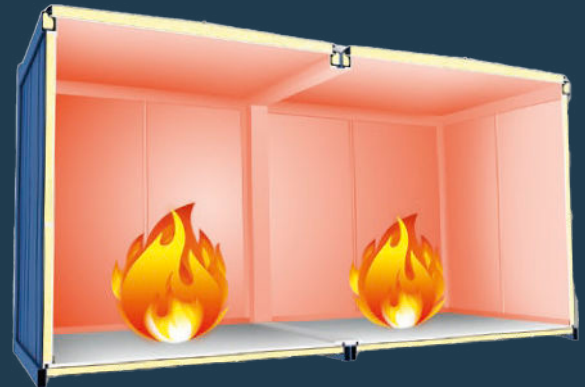
# FIRE PROTECTION COMPONENTS

Your advantages:

- Flexible fire protection system for single cabins and modular buildings
- Quick installation through pre-assembled fire protection components  
A separate shed or ridge roofs
- Highest fire resistance classes

Durable components:

- Fire protection for the roof: depending on the insulation option, fire resistance REI 30, 60 or 90, U-value from 0.15 to 0.36
- Fire protection for wall elements: depending on the insulation option, fire resistance EI 30 or 90, U-value from 0.20 to 0.66



Component	Fire resistance	Insulation type	Thickness (mm)	U-value W/(m²K)
ROOF*	REI 30 (30 min)	MW	100	0.359
		MW	140	0.233
		PU	100	0.198
		PU	140	0.145
	REI 60 (60 min)	MW	100	0.359
		MW	140	0.233
		PU	100	0.198
		PU	140	0.145
	REI 90 (90 min)	MW	100	0.355
		SW + PU	40 + 60	0.240
WALL COMPONENT*	EI 30 (30 min)	SW	60	0.660
		PIR	110	0.200
	EI 90 (90 min)	SW	110	0.342

**ABBREVIATIONS:**

**MW** = Mineral Wool    **PU** = Polyurethane    **PIR** = Polyisocyanurate    **SW** = Rock Wool    **R** = Load bearing capacity    **E** = Partition    **I** = Insulation  
*U-value = U-value measured in W/(m²K) – refers to the stated insulation thicknesses*

\* Due to the use of high quality fire protection components (plasterboard, steel sheet, rock wool, etc.) a number of fire protection classes and insulation values are reached and are confirmed through classification reports.



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