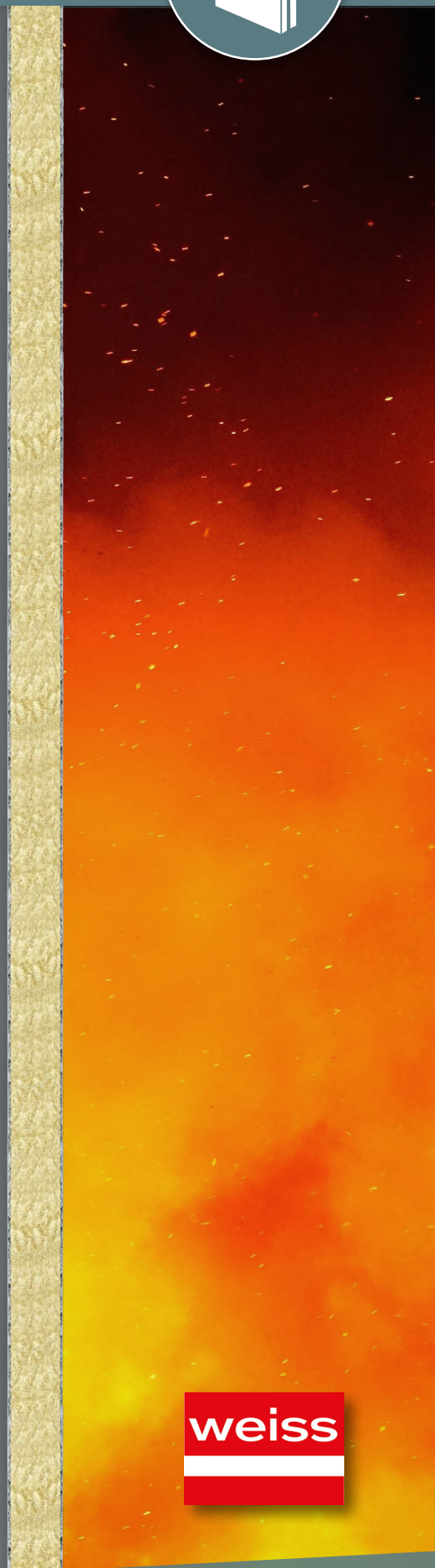


**COSMO® Composite panels & Façade elements**  
*for fire protection*



**weiss**

# COSMO® Composite panels & Façade elements for fire protection



In the building industry, the requirements on fire protection have been tightened continuously within the last years. With our successfully tested façade elements and sandwich elements we satisfy this endeavour to more safety and so we offer an ideal solution for the indoor and outdoor area of your building project.

## COSMO® Tech - ALU

**Aluminium on both sides, MIN-core**

### Top coats

Aluminium  
wet coating: Diverse RAL colours possible; powder coating on request.  
Surface protected by film.

### Core material

Mineral fibre insulating material (MIN) A1

- Building material class A1 (DIN EN 13501-1 or DIN 4102-1)
- Thermal conductivity group 040
- Non-flammable
- Melting point > 1000 °C
- Loadable by pressure

### Tests

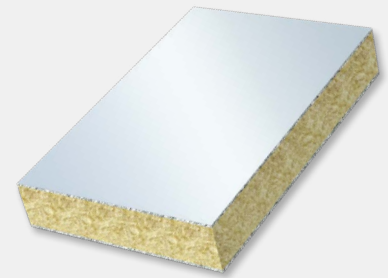
- **Reaction to fire test as per DIN EN 13501-1+ A1: 2013**

Tested for thicknesses of 24-40 mm

- LNE certified – certification number: P17538

### Standard sizes (mm)

3000 x 1500 mm, can be cut to size individually  
Other dimensions and designs on request.



A2: Not flammable  
s1: no / hardly any smoke  
d0: no dripping / falling off

Panel thickness (mm)	Top coats (mm)	Core material (mm)	U-value (W/m <sup>2</sup> K)	Thermal transmission resistance R <sub>T</sub> (m <sup>2</sup> K/W)	Specific weight (kg/m <sup>2</sup> )	Panel weight Standard size (kg)
24	1.0	22	1.39	0.55	8.8	39.5
28	1.0	26	1.22	0.65	9.4	42.3
32	1.0	30	1.09	0.75	10.3	46.5
40	1.0	38	0.89	0.95	11.3	50.7

## Examples for application



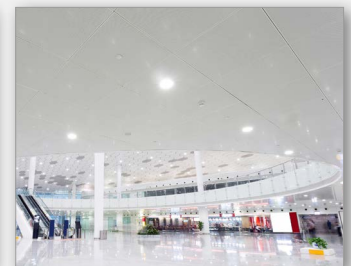
Façades



Balustrade elements



Wall elements



Ceiling elements



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