

COSMO® Composite panels & Façade elements
for fire protection



weiss

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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

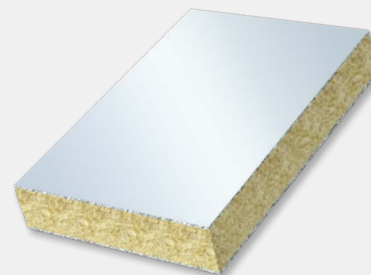
- Building material class A1 (DIN EN 13501-1 or DIN 4102-1)
- Thermal conductivity group 040
- Non-flammable
- Melting point > 1000 °C
- Loadable by pressure

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/m²K)	Thermal transmission resistance R _T (m²K/W)	Specific weight (kg/m²)	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



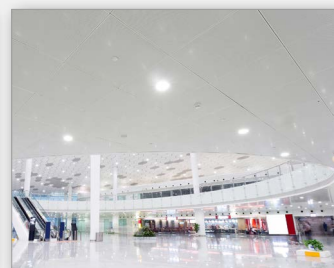
Façades



Balustrade elements



Wall elements



Ceiling elements



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