

Core elements for sandwich panels.



Symmetrical construction

Construction core **CF100**– **CF300**
 Thermally stabilized sintered EPS
 Sanded surface ready for bonding
 Thickness tolerance +/- 0,2mm
 Ripple +/-0,1mm
 Thicknesses from 8-40mm
 Optimal bonding with
 PU or MS polymer adhesives



SANDWICH-Core	CF 125		CF 150		CF 200		CF 300		Standard
	10 mm	20 mm	10 mm	20 mm	10 mm	20 mm	10 mm	20 mm	
Thickness	10 mm	20 mm	10 mm	20 mm	10 mm	20 mm	10 mm	20 mm	
Basis weight +/-10% (kg/m ²)	1,35	2,7	1,6	3,2	2,1	4,2	3,1	6,2	-
Screw pull out retention Ø 4,0mm	178 N	350 N	173 N	459 N	249 N	586 N	316 N	1004 N	-
Compressive strength (N/mm ²) at 2 % compression	1,65	1,65	1,90	1,90	3,50	3,50	6,40	6,40	EN 826
Compressive strength (N/mm ²) at 10 % compression	1,10	1,10	1,32	1,32	1,48	1,48	3,24	3,24	EN 826
E-Module in panel direction (N/mm ²)	55	55	66	66	74	74	162	162	EN 826
Thermal conductivity (W/mK)	0,038	0,038	0,042	0,042	0,046	0,046	0,053	0,053	EN 12667
U value (W/m ² K)	3,77	1,89	4,23	2,12	4,59	2,3	5,31	2,66	EN 12667
Fire behaviour	E / B1	E / B1	E / B1	E / B1	E / B1	E / B1	E / B1	E / B1	EN 13501-1/ DIN 4102-1

A modern material.

compatto combines strength with outstanding thermal insulation and a very low weight. It is both a flexibly usable construction element and a high-grade insulation material. This combination means that **compatto** is extremely versatile.

Outstanding properties speak for themselves.

- screwable
- outstanding thermal insulation
- stable against climate change
- long-term stable
- frost resistant
- isotropic
- ductile
- open to diffusion
- high compressive strength
- low weight
- biocide-free
- recycleable

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compatto is available as a sandwich panel, core panel, bar or profile bar. Standard formats in all required thicknesses (see table) and custom-made special cuts according to customer requirements are generally possible. We have many options for fabricating the panels to the customer specification.

Forms of delivery.

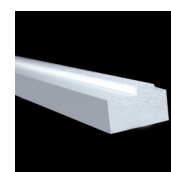
– panels

Sandwich panels cores are available in standard sizes or customized formats. Maximum size 1400x4600mm, thicknesses between 6 and 100mm. Maximum size of composite panels 1200x3000mm.



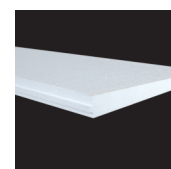
– profile formats

Milled profiles according to customer specifications with a tolerance of ± 0.3 mm. Small quantities and large series. Possible coatings on individual sides. Minimum size 10x20mm. Maximum size 300x200mm.



– milled parts

3D milling - pieces milled with the highest accuracy on modern CNC systems. Economical production due to state-of-the-art machinery.



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