

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
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.

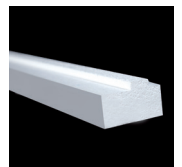
— panels

Sandwich panels cores are available in standard sizes or customized formats. Maximum size 1300x3050mm, thicknesses between 6 and 100mm. Maximum size of composite panels 1100x3070mm.



— profile formats

Milled profiles according to customer specifications with a tolerance of $\pm 0.3\text{mm}$. 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.

