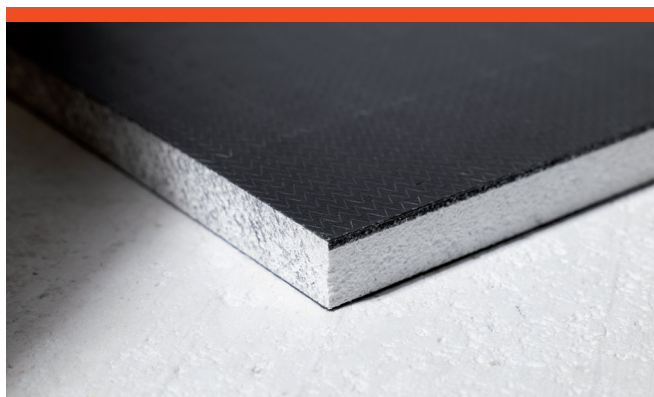


CF 200 sandwich panels with carbon fibre reinforcement.



CF sandwich panels made of thermally stabilised EPS are coated with carbon fibre. Thanks to the use of carbon fibres, the panel is extremely resistant to deformation caused by changes to the final surface and temperature influences and impresses with its high flexural rigidity and low weight.

The COMPACFOAM sandwich panels impress with the following properties:

- Outstanding thermal insulation.
- High compressive strength.
- Screwable.
- Dimensionally stable.
- Frost resistant.
- Isotropic.
- Ductile.
- Open to diffusion.
- Long-term stable.
- Low weight.
- Biocide-free.
- Recycleable.

Technical information and forms of delivery.

In standard sizes or customized. With edge or edgeband on request. Standard size 1220 x 2440 mm, customized formats on demand. Tolerance of thickness $\pm 0,2$ mm, waviness $\pm 0,1$ mm. Other coatings such as kraft paper, GRP, HPL (paintable) and wood veneer are available.

CF 200						
Thickness of carbon fibre	0,4 mm					
Thickness of final plate	11 mm	13 mm	15 mm	17 mm	19 mm	Standard
Basis weight $\pm 10\%$ (kg/m ²)	3,3	3,7	4,2	4,6	5,0	
Screw pull out retention Ø 4,0mm	249 N	299 N	349 N	398 N	448 N	EN 14358
U value (W/m ² K)	4,18	3,54	3,07	2,71	2,42	EN 12667
Compressive strength at 2 % compression (N/mm ²)	1,93					EN 826
Compressive strength at 10 % compression (N/mm ²)	3,53					EN 826
E-Module (N/mm ²)	99,4					EN 826
Water vapor diffusion resistance factor	~25					EN 12086-1
Thermal conductivity (W/mK)	0,046					EN 12667
Fire behaviour	E					EN 13501-1