

EC-PI	133NB	235NB	216AR	616AS	616AT	616AV	626AS	626AT	626AV		
Panel construction											
- Face sheets	1 x Epoxy Glass	1 x Phenolic Glass	1x Phenolic Glass	Metal sheet: AlMg3 (5754)							
				0.6 mm	0.8 mm	1.0 mm	0.6 mm	0.8 mm	1.0 mm		
- Core	ECA-I 3.2-64	ECA-I 4.8-32	ECM 6.4- 82	ECM 6.4-82			ECM 6.4-82				
- Adhesive	Epoxy	Phenolic	Pheno-lic	PO-based			Epoxy-based				
Properties											
Thickness (ASTM C366)	10 mm ± 0.3 mm										
Areal Weight (ASTM D898, DIN EN 2329) (kg/m²)	1.88	1.80	2.10	4.30	5.30	6.40	4.60	5.40	6.66		
Compression strength (ASTM C365, DIN53291) (N/mm²)	3.10	2.86	4.25	4.25	4.25	4.25	4.25	4.25	4.25		
Peel strength (ASTM D1781, DIN 53295)											
L-Direction (N/76 mm)	180	110	200	>220			>300				
W-Direction (N/76 mm)	129	150	200	>220			>300				
Long beam test (ASTM C393, DIN 53293)											
L-Direction (N)	590	580	680	1550	1650	1730	1700	2530	3360		
W-Direction (N)	720	760	610	1250	1410	1570	1540	2090	2560		
Deflection at 450N (ASTM C393 DIN 53293)											
L-Direction (mm)	34.00	27.30	34.60	5.30	4.20	3.40	4.90	4.13	3.76		
W-Direction (mm)	33.30	23.65	32.10	5.50	4.50	3.45	5.44	4.43	4.00		
Short beam test (ASTM C393, DIN 53452)											
L-Direction (N)	2060	1280	2490	3940	1950	2055	3170	3520	4040		
W-Direction (N)	1360	910	1665	1700	1810	1930	1940	2520	3070		
Flammability in accordance											
DIN 5510, Part 2	N/A						S5 / SR2 / ST2				
NF F 16101							M1 / F0				
SOLAS 74, 2000HSCode, IMO FTPCode							OK				
Service temperature range	von -55°C bis +80°C						von -55°C bis +100°C				

Note: The data presented are based upon results of testing under ideal laboratory conditions. We recommend that these values should be viewed as showing capability and performance of the product. Hence they should not be interpreted as fixed minima for specification purposes.