



## CladPanel Premium

### Co-extruded PVC sheet

#### Properties

Properties	Norm	Co-extruded Sheet
Thickness [mm]		2,0 and 2,5
Density [g/cm <sup>3</sup> ]	DIN EN ISO 1183	0,82 – 0,94
Tensile strength [MPa]	ISO 527 (50mm/min)	25,0
Tensile modulus of elasticity [MPa]	ISO 527 (50mm/min)	1550
Impact resistance [kJ/m <sup>2</sup> ] (Charpy)	ISO 179/1eU	18,5
Flexural strength [MPa]	ISO 178 (2mm/min)	42,5
Flexural modulus of elasticity [MPa]	ISO 178 (2mm/min)	1500
Shore-Hardness D	ISO 868	60 - 65
Coefficient of expansion [10 <sup>4</sup> /K]	DIN 53 752	6·10 <sup>-5</sup>
Vicat-Softening point [°C]	ISO 306 (B 50)	60 - 65
Heat distortion temperature [°C]	ISO 75-2 (1,8 Mpa)	60
Water absorption [%]	ISO 62 (after 216h)	0,7
Gloss level (rigid Topside)		40 ± 10
Colour (Foam Substrate)		White
Colour (rigid Topside)		White
Protective film		one-sided (on the rigid Topside)