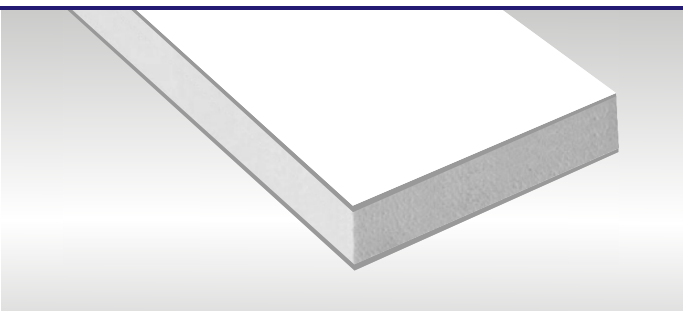


Classic-Viscom PVCs

**Formats:**

2000 x 1000 / 2440 x 1220 / 3050 x 1220 /
3050 x 1500 / 3050 x 2030 (mm)

Thickness:

5 / 8 / 10 / 15 / 19 / 20 / 24 (mm)
(other thicknesses on request)

Parameters of external layers - Foamed PVC

Property	Norm	Unit of measure	Result
Density	-	g/cm ³	0,55
Tensile strength at performance	DIN 53455	MPa	16
Modulus of elasticity	DIN 53457	MPa	1100
Elongation at break	DIN 53455	%	29
Flexural strength	DIN 53452	MPa	25
Softening temperature acc. Vicata, min.	DIN 53460	°C	76
Absorbance of cold water, max.	-	%	1,0
Impact resistance	DIN 53453	kJ/m ²	15
Shore hardness (3mm)	DIN 53505	-	>30
Bonding	-	-	Yes
Printing	-	-	Yes

Parameters of internal layers - XPS core

Property	Norm	Unit of measure	Result
Density	-	kg/m ³	33-35
Factor of thermal conductivity	DIN EN 13169	W/(m·K)	0,035
Compressive stress at compression 10%	DIN EN 826	N/mm ²	< 40 mm: 0,200 N/mm ² > 40 mm: 0,300 N/mm ²
Flammability classification	DIN 4102	-	B2
Dimensional changes at 90% humidity 70 °C	DIN EN 13501-1	-	E
Deformation under load 40 kPa and 70 °C	DIN EN 1605	%	< 5,0
Water absorption at long-term immersion	DIN EN 1605	%	< 5,0
Water absorption at long-term immersion	DIN EN 12087	%	< 0,7
Resistance to freeze and thaw cycles	DIN EN 12088	%	< 3,0
Linear expansion factor	DIN EN 12091	%	< 2,0
Temperature range	DIN 53752	mm/(m·K)	0,07
		°C	-50 / +70

Product parameters

Property	Unit	5 mm	10 mm	15 mm	20 mm	24 mm
Weight	kg/m ²	1,55	1,68	1,85	2,01	2,14
Weight	mm	+/- 1,0	+/- 0,7	+/- 0,7	+/- 0,7	+/- 0,7
Length tolerance	mm	+/- 5,0	+/- 5,0	+/- 5,0	+/- 5,0	+/- 5,0
Width tolerance	mm	+/- 5,0	+/- 5,0	+/- 5,0	+/- 5,0	+/- 5,0
Thermal conductivity	Wsp. U*	-	-	1,983	1,541	1,306
	W/m ² K	-	-	1,983	1,541	1,306

*Our technical instructions and recommendations for working with our products, as well as properties and performances of the product, these statements are only general recommendations and applicable only as nominal values at standard test conditions. These instructions are descriptions of the achievements of our products and don't represent guarantees in the sense of the law. Due to the variety of applications and different conditions and methods of use, the user is advised to conduct their own tests. We reserve the right to make changes resulting from technological progress.