



Arctic PVC
Declaration of Performance

Declaration of Performance

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U-PVC hygienic cladding sheets

- 1. Unique identification code of product type:** U-PVC
- 2. Type:** Striking and Subtle Range
- 3. Intended use or uses of construction product:** Wall cladding and covering, sandwich panels, electrical boxes, tanks labour equipment, automotive parts, advertisements and displays.
- 4. Name of the notified verifying body, performance of construction product, number of concerning standards: Protection classification:** MSZ EN 13501-1:2007 +A1:2010; SGS product revision according to the Construction product regulation (EU) 305/2011.
- 5. Declaration of Performance by European Technical Assessment:** Not used.
- 6. Performance according to the Declaration:**

Properties	Unit	Performance	Test method
Mechanical properties			
Density	g/cm³	1.45	MSZ ISO 1183
Tensile strength	MPa	>45	MSZ EN ISO 527-1.2
Elongation at break	%	>25	MSZ EN ISO 527-1.2
Modulus of elasticity	Mpa	>2500	MSZ EN ISO 527-1.2
Impact strength	-	No break	MSZ EN 179-2
Impact strength -20 °C	-	No break	MSZ EN 179-2
Thermal properties			
Vicat B	°C	79	MSZ EN ISO 306
	°F	174	
Linear thermal expansion	K ⁻¹ X 10 ⁻⁴	0.7	DIN 53752
Coefficient	-	-	
Thermal conductivity	W/mK	0.2	DIN 52612
Electrical properties			
Dielectric strength	kV/mm	21	MSZ EN 60243-1
Surface resistivity	Ohm	10 [^] 13	DIN 53482
General properties			
Fire rating*	-	B1	DIN 4102 (D)
	-	Class1	CSE RF 3/77 (I)
	-	M1	NFP 92-501 (F)
	-	Class0	BS 476 Part7 (GB)
	-	V0	UL 94 (US)
Fire classification **	-	B s3 d0	-
Water absorption	%	0.2	DIN 53495
Working temp. range	°C	0-60	-
	°F	32-140	
* On request B1, M1, available on request. ** On request B s2 d0 available on request.			



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Igloo Surfaces Certifications & Accreditations

