

Vikubond

PROPERTY	Units	Value/Thickness				
Physical		2 mm	3 mm	4 mm	5 mm	6 mm
Face Finish		Digital Matt / Digital Matt or Digital Gloss / Digital Matt				
Weight	kg/m ²	2,90	3,80	4,75	5,70	6,60
Core Composition		LDPE				
Thickness Tolerance	mm	-0 +0.2				
Aluminium Thickness Tolerance		as specified in EN 485-4				
Mechanical						
Surface pencil hardness	>HB				2H	
Paint thickness	micron				20	
Toughness of Coating					3T	
Peel Strength	N/mm				>4	
Tensile Strength of Aluminium Layers	MPa				160	
Thermal						
Temperatur Resistance	°C				-50 to +80	
Thermal Expansion	mm/m °C				0,024	
Thermal Resistance R	m ² K/W				0,057	
Chemical Resistance						
Boiling Water Resistance	2 hours				No change	
Hydrochloric Acid Resistance	24 hours @ 2% HC1				No change	
Oil Resistance 24 hours	@ 2% Engine oil				No change	
Solvent Resistance	100 x Dimethylbenzol				No change	
Flammability						
Standard	Classification					
EN13501-1-1:2007	Class D-s2-d0					
Sheet size and tolerances						
With	Tol.	Length	Tol.			
1000	±2 mm	2050 / 6250	±3 mm			
1250	±2 mm	2050 / 6250	±3 mm			
1500	±2 mm	2050 / 6250	±3 mm			