

FI IRAMETAL

TECHNICAL SPECIFICATIONS

PROPERTY	STANDARD UNITS	VALUE / THICKNESS				
PHYSICAL		2mm	3mm	4mm	5mm	6mm
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		LPDE				
Thickness Tolerance	mm	-0 +0.2				
Aluminium Thickness Tolerance		as specified in EN485-4				

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		
Temperature Resistance	°C	-50 to +80
Thermal Expansion	mm/m °C	0.024
Thermal Resistance	R m ² K/W	0.0057

CHEMICAL RESISTANCE		
Boiling Water Resistance	2 hours	No Change
Hydrochloric Acid Resistance	24Hr @ 2% HCl	No Change
Oil Resistance	24Hr @ 2% Engine Oil	No Change
Solvent Resistance	100 x Dimethylbenzene	No Change

FLAMMABILITY	
Standard	Classification
EN13501-1-1:2007	Class D-s2-d0

SHEET SIZES AND TOLERANCES			
Width	Tol	Length	Tol
1000	±2mm	2050 / 6250	±3mm
1250	±2mm	2050 / 6250	±3mm
1500	±2mm	2050 / 6250	±3mm