

eTEC ACM 3D

Product information

eTEC ACM 3D is a high-performance aluminium composite panel, engineered for advanced fabrication and maximum durability.

Its 0.3mm skins support a wide range of fabrication techniques, including V-grooving and bending, without the risk of surface cracking.

Available in a wide range of colours; all finishes, except primer, feature digital-grade printable surfaces protected by easy-peel liners.

Applications

Indoor and outdoor signage • Sign trays

Print suitability

UV • Screen print (a Latex suitable grade is available, please ask your local sales office)

Conversion suitability

Saw cutting • Routing • Drilling • Bending

Stock schedule

Size

	White	Black	Colours	Brushed	Mirror
1250mm x 2550mm	●	●	●		
1500mm x 3050mm	●	●	●	●	
2000mm x 3050mm	●				
1220mm x 2440mm				●	
1230mm x 2440mm					●

Finishes

RAL 9016 Matt Gloss RAL 9016	RAL 9005 Matt Gloss RAL 9005	RAL 3020 Matt Gloss RAL 3020	RAL 5002 Matt Gloss RAL 5002	RAL 6024 Matt Gloss RAL 6024
RAL 1023 Matt Gloss RAL 1023	RAL 7015 Matt Metallic RAL 9006	Brushed Silver Grey Primer	Mirror Silver Grey Primer	Mirror Gold Grey Primer

Colours shown are representative only, actual colour may differ. Please refer to the RAL reference.

Specification

General	Value
Panel Thickness (mm)	3
Aluminium Skin Thickness (mm)	0.3
PE Coating Thickness (mic)	≥14
Weight (kg/m ²)	4.45
Core Material	LDPE
Tolerances	
Thickness (mm)	±0.2
Width (mm)	±0.2
Length (mm)	±0.3
Diagonal (mm)	±5
Warp (mm/m)	3.2
Colour Variation (ΔE)	0.5
Properties	
Pencil Hardness (H)	≥2
Thermal Expansion (mm/m @ 100°C)	2.4
Boiling Water Resistance (minutes)	≥120
Temperature Range (°C)	-50 to +80
Acid Resistance (Hours Immersed in 2% HCl)	≥24
Alkali Resistance (Hours Immersed in 2% NaOH)	≥24
Oil Resistance (Hours Immersed in 20# Oil)	≥24
Solvent Resistance (Cleans with Dimethylbenzene)	≥100
Peel Strength 180° (N/mm)	≥3

Credentials



The CO₂ emissions from this product can be mitigated through the Carbon Capture[®] programme, directly supporting the work of the Woodland Trust.