



# eTEC ACM 1D

## Product information

eTEC ACM 1D is a high-performance aluminium composite panel, engineered for flat applications. It features a digital white PE coating on one side for vibrant colour reproduction and excellent ink adhesion, along with a light grey primed reverse that enhances durability, stability and delivers a professional finish. All sheets are protected on one side with an easy-peel protective film.

### Applications

Hoardings • Indoor and outdoor signage

### Print suitability

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

### Conversion suitability

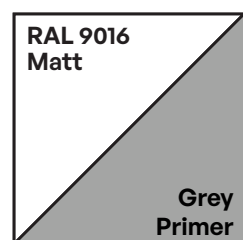
Saw cutting • Routing • Drilling

## Stock schedule

### Size

|                 | White |
|-----------------|-------|
| 1220mm x 2440mm | ●     |
| 1500mm x 3050mm | ●     |

### Finishes



This information is given for general guidance only and is subject to change without notice

## Specification

| General                                          | Value      |
|--------------------------------------------------|------------|
| Panel Thickness (mm)                             | 3          |
| Aluminium Skin Thickness (mm)                    | 0.15       |
| PE Coating Thickness (mic)                       | ≥14        |
| Weight (kg/m <sup>2</sup> )                      | 4.14       |
| Core Material                                    | LDPE       |
| <b>Tolerances</b>                                |            |
| 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        |
| <b>Properties</b>                                |            |
| 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 CO<sub>2</sub> emissions from this product can be mitigated through the Carbon Capture<sup>®</sup> programme, directly supporting the work of the Woodland Trust.