



DONCHAMP® LUCENT TWINCOLOUR

DONCHAMP® Lucent TwinColour Sheet is a specialty development that when unilluminated the panel appears as a standard colour during daylight and in the evening, once LED illuminated it appears as a bright, vibrant white acrylic panel. With its exceptional weatherability, **DONCHAMP® Lucent TwinColour** is ideal for both indoor and outdoor applications ensuring lasting performance and visual impact.

KEY FEATURES

- Bold & dark appearance for day
- Optimal light diffusion for night
- Better impact strength than glass
- Lightweight
- Optical clarity & No LED hot spots
- Chemical resistance to common acids
- Excellent weatherability & UV resistance

PRODUCT APPLICATIONS

- Exterior & interior signage
- POS displays

COLOURS



Coloured swatch may not represent physical product.

PROPERTIES

GENERAL	RESULTS
Weight	5.31kg/m ²
Density	1.18g/cm ³
Cleaning: Warm soapy water & soft cloth	
MECHANICAL	
Tensile Strength (D538)	60-70Mpa
Flexural Strength (D7901)	90-110Mpa
THERMAL	
Service Temperature Range	-30-80°C
Vicat Softening Temp (D1525)	~100°C
Heat Deflection Temp (D648)	~95°C
Co-Efficient of Thermal Expansion (ASTM D696)	7 x 10 ⁻⁵

PRODUCT RANGE

COLOUR	GAUGE	SIZE
Black/White	4.5mm	2440x1220mm
Cut to size available upon request		

