



ASTARIGLAS® DN (DAY AND NIGHT) CAST ACRYLIC

ASTARIGLAS® DN Cast Acrylic Sheet is specially formulated to achieve the perfect balance between a rich, dark daytime appearance and optimal light diffusion for night-time brilliance. It provides a deep, black colour during the day. When appropriately lit from the back, it transforms into a brilliantly illuminated surface at night, making it ideal for eye-catching signage. With its exceptional weatherability, **ASTARIGLAS® DN Cast Acrylic** is perfect for both indoor & outdoor applications ensuring lasting performance & visual impact.

KEY FEATURES

- Rich & 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

Black/
White

Coloured swatch may not represent physical product.

PROPERTIES

GENERAL	RESULTS
Weight	3.6kg/m ²
Density	1.2g/cm ³
Gauge Tolerance (ASTARI TDS)	+/- 4mm
Cleaning: Warm soapy water & soft cloth	
MECHANICAL	
Tensile Strength (ISO 527)	70Mpa
Flexural Strength (ISO 178)	116Mpa
THERMAL	
Service Temperature	80°C
Vicat Softening Temperature	>110°C
Forming Temperature (ISO 306A)	160-175°C
Co-Efficient (ASTM D696)	$\times 10^{-5}.K^{-1}$
Flammability (AS/NZS 3837:1)	Group 4

PRODUCT RANGE

COLOUR	GAUGE	SIZE
Black/White	3mm	2440x1220mm
Cut to size available upon request		

