

FEATURES

- Aluminium skins with a polyester composite filling
- Smooth surface coating
- Good impact resistance
- Good weather resistance
- Good dimensional stability
- Corrosion resistance
- Resistance to UV radiation
- Square, solid-form black aluminium sheet
- Thermal conductivity of 0.95W/mK
- Density of 3.5 kg/m²
- Hardness of 3 H
- Tensile Strength of >125 N/mm²
- Length of 1.22m
- Width of 1.22m
- Thickness of 3mm

Black Aluminium Sheet, 1.2m Long, 3.5kg/m², 1.2m x 3mm, Suitable For Cladding, Fascia Panels, Folded Parts, Sign Trays

RS Stock No.: 778-1696



RS Professionally Approved Products bring to you professional quality parts across all product categories. Our product range has been tested by engineers and provides a comparable quality to the leading brands without paying a premium price.

Product Description

Suitable for a wide range of uses, including fascia panels and cladding, these multipurpose black aluminium composite sheets are easy to bend into shape, cut and drill. The solid sheets come without an adhesive backing and weigh about a third of the weight of mild steel.

Durable and versatile, these square aluminium sheets are stable and able to resist impacts, weather and corrosion. The two outer layers are made of aluminium and are filled with a polyester composition. The sheets are 1.22 m square and 3 mm thick, with a smooth coating to give them a sleek finish.

General Specifications

Construction	Composite
Material	Aluminium
Colour	Black
Suitability	Cladding, Fascia Panels, Folded Parts, Sign Trays
Adhesive Backing	No
Form	Solid
Shape	Sheet
Corrosion Resistance	Excellent
Finish	Gloss/Matte
Application	Defence; Industrial engineering; Transport – road, rail, air, marine; Building and construction; Fan blades; Electrical engineering

Mechanical Specifications

Length	1200mm
Width	1200mm
Thickness	3mm
Density	3.5kg/m ²
Hardness	3 H
Thermal Conductivity	0.95W/mK
Tensile Strength	>125N/mm ²
Modulus Of Elasticity	5kN
Shear Strength	21.1MPa
Bending Strength	83MPa
Coating Flexibility	2T
Impact Resistance	50kg/cm

Operation Environment Specifications

Melting Point	+109°C
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Approvals

Compliance/Certifications	RoHS Compliant; BS476 Part 7 Class 1
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