

DSM 3.10.3

Aluminium Composite Sheet

General:

Aluminium Composite combines two proven and versatile materials in one sheet: A light polythene core and a baked on aluminium polyester varnish. Aluminium Composite sheet comes in a variety of colours and are designed for long-term use in all weather condition.

Benefits:

- Easily cut, bent or folded for general print, fabrication and construction applications.
- Highly resistant to corrosion, weathering and warping.
- Lightweight and rigid.
- It has been tested with Mildly Acid Solvent Resistance.

Limitations:

- **Boiling Resistance:** Boiling for 2 hours without change.
- **Coating Flexibility:** 3T

ASM (DEK) Applications:

- Typically used for work-surfaces.

Profiles:

- **Sheet Thickness:** 2,3,4,6 mm (+/-0.2)
- **Thickness aluminium:** Classic 0.3mm / Digital 0.2mm
- **Width:** 1220, 1250, 1500 mm (+/- 2)
- **Length:** Variable Lengths Available

These values are representative. For critical applications, refer to data-sheet.

MECHANICAL PROPERTIES					
	Heat Coefficient	TENSILE STRENGTH:	YOUNGS MODULUS:	POISSONS RATIO:	DENSITY: Polyethylene
Aluminium Composite Sheet	5.30-5.72 W/ m ² K	145-185 MPa	70 GPa	-	980 Kg/m ³

GRADE	SUPPLIER	UL No.	RECYCLE CODE
SKYBOND	KJN	----	----

Alternatives:

Alternatives are allowed only with the express written permission of ASMPT. Please email details of your request to engineering_enquiries@asmpt.com

Issue	01	02	03	04	05	06	07	08	09
DCR	45256								