



ALBOND 7000[®] ALUMINIUM COMPOSITE PANEL TECHNICAL SPECIFICATIONS

ALBOND 7000[®] PRODUCTION TOLERANCES

THICKNESS	± 0.2 mm
WIDTH	+2 / 0 mm
LENGTH	+4 / 0 mm
DIAGONAL	Max.3 mm

ALBOND 7000[®] PRODUCTION SIZES

PANEL THICKNESS	3 mm / 4 mm
ALUMINIUM THICKNESS	0.40 mm (± 0.02)
STANDARD SIZE	4 mm X 1250mm X 3200mm
WIDTH	1000mm / 1250mm / 1500mm
LENGTH	Up to 6000 mm

ALBOND 7000[®] ALUMINIUM MECHANICAL & COATING SPECIFICATIONS

PLASTIC CORE	Low Density Poly - Ethylene
ADHESIVE	Polymer Glue
ALUMINIUM ALLOY/TEMPER	3XXX H42 – H46
YIELD STRENGTH	MIN. 150 MPA
TENSILE STRENGTH	180-220 MPA
ELONGATION	6-7%
ELASTICITY MODULE MPA	70.000
COATING TYPE	HDPE, *PVDF (*customer request)
COATING THICKNESS - PRIMER	5 μ (±2) (ECCA T1)
COATING THICKNESS - TOPCOAT	20 μ (±2) (ECCA T1)
GLOSS (60°)	30 % (±5 %) (ECCA T2)
COLOR DIFFERENCE	ΔE < 1 (ECCA T3) (for solid colors)
COATING ADHESION	GT 0 (ISO 2409)
PENCIL HARDNESS	≥HB (ECCA T4)
METHYL-ETHYL-KEATON RESISTANCE (MEK)	>100 DBR (ECCA T11)
REVERSE IMPACT RESISTANCE	NO CRACKS @7,5 JOULE (ECCA T7)
SALT SPREY TEST	1500 hours passed (ECCA T8)
UV RESISTANCE	2000 hours ΔE < 5 (ECCA T10)