

VersiLite

Super Matte Surface Panels

Revision: 1.0
November 1st, 2025
North America

Technical Data Sheet

VersiLite is a high-performance decorative panel that combines an EPA TSCA Title VI-compliant moisture-resistant (MR) MDF core with a super matte vinyl surface, bonded using advanced PUR reactive hotmelt technology for superior adhesion and durability. This surface provides a silky-smooth super matte finish with excellent resistance to fingerprints, scratches, and household chemicals, ensuring a long-lasting, easy-to-clean, and elegant appearance. VersiLite panels are versatile and well-suited for a wide range of interior applications including doors and furniture.

Quality Features



Super Matte Finish



No Fingerprint



Moisture
Resistance



Stain
Resistance



Scratch
Resistance



Chemical
Resistance

VesiLite Face Panel	
Face Surface	Super Matte Decorative 2D Vinyl
Back Surface	Super Matte Decorative 2D Vinyl
Core Material	EPA TSCA Title VI MR Medium Density Fibreboard (MDF)
Bonding System	Advanced PUR reactive hotmelt system

Property	Specification	Test Method
Physical & Dimensions		
Board Length	8 ft	ASTM D1037
Board Width	4 ft	ASTM D1037
Board Thickness	3/4 inches Nominal	ASTM D1037
Density	≤ 46 lb/ft ³	ASTM D1037
Board Weight	3lb/ft ²	ASTM D1037
Mechanical		
Internal Bond	≤ 116 PSI	ASTM D1037
MOR	≥ 507500 PSI	ASTM D1037
MOE	≥ 4351 PSI	ASTM D1037
Screw Retention – Face	≥ 180 lbf	ASTM D1037
Screw Retention – Edge	≥ 160 lbf	ASTM D1037
Thickness Swell 24 hrs	≤ 7 %	ASTM D1037
Bonding strength	≥ 90 %	EGR Method
Surface		
Colour Tolerance	Solid Colours, dE ≤ 1	DIN 6174 (D65/10°, CIELAB)
Gloss Level	2 – 3 GU	DIN 67530 (60°)
Resistance to scratching	25%	CEN/TS16611 (Martindale, Type A)
Resistance to scratching – Erichsen 413	Class 4E (0,8 – 1,0 N)	DIN 68861 – T4
Resistance to chemical	Class 1B	DIN 68861 – T1
Resistance to dry heat at 212°F	Class 7C	DIN 68861 – T7
Resistance to wet heat at 158° F	Class 8B	DIN 68861 – T8
Resistance to light fastening	6 – 7 (Blue Scale)	ISO 105-B02
Dimensional stability	≤ 6 %	DIN 53377 (212°F/ 10 min.)
Compliance		
Formaldehyde Emissions	Compliant with E0/EPA TSCA Title VI	–