



Technical Data Sheet – Anti-Fingerprint Laminates

Product Description

Anti-Fingerprint (AFP) Laminates is a premium surface solution with a special coating that resists smudges, fingerprints, and stains. It provides a smooth, matte finish with enhanced durability for exterior and interior applications.

Technical Specifications

Property	Specification
Surface Finish	Super Matte / Anti-Fingerprint Coated
Base Material	High-Pressure Laminate (HPL)
Coating Type	Nano-tech AFP coating
Thickness	0.8 mm to 20 mm
Panel Size	Standard: 1220 × 2440 mm, 1220 × 3050 mm (custom sizes available)
Density	1350 ± 50 kg/m ³ (for HPL core)
Scratch Resistance	≥ 3N (EN 438-2:25)
Abrasion Resistance	≥ 2000 revolutions (EN 438-2:10)
Stain Resistance	Grade 5 (EN 438-2:26)
Impact Resistance	≥ 05 N (EN 438-2:21)
Moisture Resistance	< 6% (Boiling Water Test – 2 hrs)
UV Resistance	ΔE < 3 after 3000 hrs QUV test
Fire Rating	Class 1 (BS 476 Part 7) / EN 13501-1: B-s1, d0
Flexural Strength	≥ 100 MPa
Dimensional Stability	≤ 0.4% (EN 438-2:17)
Temperature Resistance	-20°C to +80°C (continuous)
Formaldehyde Emission	E1 Grade ≤ 0.1 ppm (EN 717-1)
Antibacterial Properties	> 99% bacteria reduction (ISO 22196)
Maintenance	Easy to clean, resistant to common solvents & detergents



Key Features

- Resistant to fingerprints, smudges & dirt
- Super matte premium finish
- UV, weather & moisture resistant
- High impact and scratch resistance
- Fire-retardant properties (as per grade)
- Easy to clean & maintain
- Long-lasting color stability