

SAFEBOARD™ FMA (FOAM MANUFACTURING ASSIST) DATA SHEET

SAFEBOARD™ FMA (Foam Manufacturing Assist) is a high-density foam panel developed for reinforcement of thin-bodied porcelain, sintered stone, and ultra-compact surfaces.

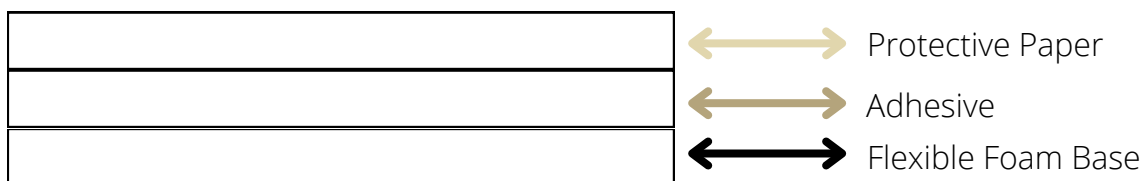
SAFEBOARD™ FMA has excellent weather-resistant properties, outstanding rigidity and durability, and exceptional vibration-reducing characteristics.

Property	Data
Thickness	10mm, 15mm
Size	65"x128", 65"x136"
Color	White
Surface Density	Type C: ≤ 700 kg/m ³
Hardness Shore D	≥ 60
Tensile Strength	≥ 7 MPa
Impact Strength	Type C: ≥ 12 kJ/m ²
Bending Strength	Type C: ≥ 9 MPa
Nail-Holding Ability	Type C: ≥ 800 N
Water Absorption	$\leq 1.0\%$
Formaldehyde Emission	Undetected
Mold Growth	Undetected
Fire Resistance	Self-Extinguishing

SAFEBOARD™ QUICK STICK DATA SHEET

SAFEBOARD™ Quick Stick is a pressure-sensitive adhesive that is pre-applied to SAFEBOARD™ FMA. Quick Stick allows SAFEBOARD™ FMA to be quickly and easily applied to a surface, and creates an instant, strong, and permanent bond.

Quick Stick Structure



Property	Data
Thickness	1.0 ± 0.05mm
Initial Peel Strength (25mm sample)	5 N
Peel Strength by 90° (25mm sample)	25 N
Peel Strength by 180° (25mm sample)	20 N
Durability (25mm sample)	72+ Hours
Tensile Strength (25mm sample)	45 N
Elongation	80%
Temperature Range	-20 - 120 °C
Hazardous Materials (RoHS)	None Detected