



Fusion wall protection + digital lab

Digitally Printed Protective Wallcovering

Technical Brief

Mechanical Properties	Test Method	Values
Impact Resistance (kg)	ASTM D-5420 (Drop Dart)	0.040" = 104; 0.060" = 152
Scratch Resistance	ASTM D-2197 (Hoffman Scratch)	>10.5
Abrasion Resistance (wt. loss %)	ASTM D-1044 (Taber) (CS-10F Wheel 500gm Load-100 cycles)	0.01%

Flammability Properties		
Fire Ratings	ASTM E-84 (Steiner Tunnel) (NFPA 255, ANSI/UL 723 & UBC 8-1)	
Flame Spread Formulated Solutions XT-2000+™ Mastic		25
Smoke Developed Formulated Solutions XT-2000+™ Mastic		400

Surface Properties		
Bacterial Resistance	ASTM G-22	No Growth
Fungal Resistance	ASTM G-21	No Growth
Chemical Resistance	ASTM D-1308 (20 Reagents)	No Effect
Stain Resistance	ASTM D-1308 (19 Reagents)	No Permanent Effect