Royalite® G50

Fire-Rated sheet

Product Description

Royalite® G50 is a flame rated sheet product. This product is an excellent material for wall coverings, ceiling tiles and a myriad of other architectural applications where stringent building codes are required. Royalite G50 is engineered to pass the ASTM E84 Steiner Tunnel test.

Technical Properties

Property	Test Method	Value*
Specific Gravity (color dependent)	ASTM D-792	1.27
Izod Impact (Notched) 72°F	ASTM D-256	1.5 ft-lbs/in
Tensile Strength	ASTM D-638	7,000 psi
Flexural Strength	ASTM D-790	10,500 psi
Flexural Modulus	ASTM D-790	320,000 psi
Rockwell Hardness (R Scale)	ASTM D-785	95
Heat Deflection Temperature (@ 264 psi - annealed)	ASTM D-648	160°F
Resistance of Synthetic Polymeric Materials to Fungi	ASTM G-21	Passes
Flammability[1]	ASTM E84	Passes <25 flame spread <450 smoke developed

All values based on 0.125" unless otherwise stated

[1] Gauge: up to 0.080" unbonded and up to 0.125 when bonded to ¼" cement board. Tested as manufactured, Spartech recommends testing as final construction before installation.

For additional information, please contact Spartech at 800-677-4338 (800-67-SHEET), e-mail info@spartech.com or visit our website at www.spartech.com