Royalite® R49/52

Fire-rated sheet

Product Description

Class 1/A rated sheet for building and construction applications, Royalite® R49/52 is an excellent material for wall coverings, ceiling tiles and a myriad of other architectural application where stringent building codes are required for pharmaceutical, food, and electronic cleanrooms. R49/52 is available in many colors in thicknesses from .020" - .250" and is UL listed. R49/52 has good formability and is easy to work with when additional fabrication is needed.

Technical Properties

Property	Test Method	Value*
Specific Gravity (color dependent)	ASTM D-792	1.35
Izod Impact (Notched) 72°F	ASTM D-256	15.0 ft-lbs/in
Tensile Strength	ASTM D-638	5,800 psi
Flexural Strength	ASTM D-790	9,500 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	150°F
Flammability - Steiner Tunnel [1]	ASTM E-84	Passes

All values based on 0.125" unless otherwise stated

(1) 0.080" R49/52 applied to inorganic cement board with 3M "Fast Bond 30 Contact Cement." We recommend testing the product in its 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