

Materials

Weights & Glass Content		Panels					Roof Deck	
TUFF SPAN Series FR		150	200	250	300	400	500	700
Nominal Weight Oz/SF		8.0	9.0	10.5	12.5	14.0	16.0	22.0
Nominal Glass Content, %		47	48	48	49	49	50	
50								
TUFF SPAN Series FM		10	13	16				
Nominal Weight Oz/SF		10.5	13	16				
Nominal Glass Content, %		30	30	30				

Colors	Tuff Span	Color	Light Transmission ASTM D-1494-60
	Roofing & Siding	Clear	Up to 80%
		Translucent Green, White & Gray*	Up to 50 %
		Standard; White, Gray, Manila & Beige*	Opaque
	Roof Deck	White & Beige	Opaque

* Custom colors & higher % light transmission factors are available. Call for specific factors.
% light transmission will vary with thickness.

Recommended colors for vinyl ester panels are Beige and Manila.

Physical Properties

Property	Value	Test
Coefficient of Thermal Expansion	8×10^{-6} in/in°F	ASTM D-696 (1)
Flame Spread Index	25 or less	ASTM E84 / UL723
R value	0.07	(2)
Barcol Hardness	45	-

(1) Value based on coupon tests.

(2) Based on generic thermoset resins.

Other physical properties and data are available upon request.