

2CM PORCELAIN PAVERS: SOLAR REFLECTANCE INDEX (SRI)

ASTM E1980: “Standard Practice for Calculating Solar Reflectance Index of Horizontal and Low-Sloped Opaque Surfaces”

Informal Test Method Description:

This practice covers the calculation of the Solar Reflectance Index (SRI) of horizontal and low-sloped opaque surfaces at standard conditions. The method is intended to calculate SRI for surfaces with emissivity greater than 0.1. See ASTM E1980 for all method details and information.

Collection	Color	Solar Reflectance %	Thermal Emittance	Solar Reflectance Index (12 W-M ⁻² -K ⁻¹)
BlueRun	Antique White	65%	0.87	77.5
BlueRun	Historic Greige	49%	0.87	56.1
BlueRun	Atlas Gray	39%	0.86	42.3
BlueRun	Fossil Black	19%	0.87	16.1
High Ridge	StarDust White	56%	0.87	65.7
High Ridge	Pinnacle Beige	53%	0.87	61.5
High Ridge	Rockwall Gray	40%	0.86	43.3
High Ridge	Canyon Slate	32%	0.86	32.7
Mineral	Alabaster	57%	0.87	67.3
Mineral	Quartz	57%	0.86	66.8
Mineral	Feldspar	45%	0.87	50.7
NY2LA	Malibu White	65%	0.86	78.2
NY2LA	Brentwood Beige	59%	0.86	69.4
NY2LA	Riverside Steel	50%	0.87	57.8
Passenger	Wander White	66%	0.86	79
Passenger	Anywhere Beige	53%	0.86	60.7
Passenger	Everywhere Greige	57%	0.87	67
Passenger	Leisure Gray	42%	0.86	46.4
Quest	Ash	66%	0.87	79.8
Quest	Cinder	36%	0.87	38.8
Relive	Florida	48%	0.88	54.5
Relive	Montana	41%	0.87	45.8
Span	Snow	60%	0.87	71.1
Span	Silver	45%	0.87	50.1