

NEOGARD® Quick Notes

Hemispherical Spectral Reflectance & Total Emittance Testing



Date: October 9, 2014
From: Technical Department

Testing Results

Product	Color	Use	% Solar Reflectance	Emittance	SRI
7251	White	Roofing	83.0	0.87	104
7261	White	Roofing	78.5	0.94	101
7261*	White Granules	Roofing	64.3	0.93	78
7430	Gray	Deck Coating	26.1	0.91	27
7430-11	Light Gray	Deck Coating	38.3	0.91	43
7430-28	White	Deck Coating	74.5	0.90	93
7435	Tan	Deck Coating	40.8	0.91	47
7441	Gray	Roofing	37.6	0.89	42
7442	Tan	Roofing	41.5	0.93	49
7443	White	Roofing	82.0	0.87	102.4
7470-011	Light Gray	Deck Coating	65.9	0.91	81
7490-01	White	Roofing	78.0	0.88	97
7860-CA	White	Roofing	85.4	0.92	107
7860-LO	White	Roofing	84.0	0.88	105
45080	White	Metal Roofing	82.1	0.94	103
70607	White	Roofing	80.1	0.94	101
70611-16	Ivory	Roofing	72.1	0.93	89
70613	White	Roofing	78.3	0.93	101
70613*	White Granules	Roofing	62.6	0.95	77
70613-CA	White	Roofing	80.0	0.95	101
70613-Bio	White	Roofing	76.4	0.95	95
70613-Bio*	White Granules	Roofing	59.4	0.95	72
70630	White	Roofing	78.8	0.93	100
70680/70685	White	Roofing	70.8	0.94	96
FC7530-01	White	Deck Coating	83.2	0.93	110
FC7530-11	Light Gray	Deck Coating	37.8	0.91	43
FC7540	Gray	Deck Coating	26.9	0.93	29
Acrylithane HS2	White	Topcoat	73.0	0.92	91

* Applied at 24 wet mils with Lucas (#11 Bright White Dust Free) granules at an application rate of 30 lbs. per 100 square feet.

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2728 Empire Central - Dallas, Texas 75235 - Phone (214) 353-1600 - Fax (214) 357-7532 - www.neogard.com