

NEOGARD® Quick Notes

Hemispherical Spectral Reflectance & Total Emittance Testing



Date: July 21, 2011
From: Technical Department

Testing Results

Product	Color	Use	% Solar Reflectance	Emittance	SRI
7251	White	Roofing	84.2	0.94	106
7261	White	Roofing	78.9	0.94	99
7261*	White Granules	Roofing	69.4	0.96	86
7430	Gray	Deck Coating	25.8	0.92	28
7430-11	Light Gray	Deck Coating	36.9	0.94	43
7430-28	White	Deck Coating	77.3	0.94	96
7435	Tan	Deck Coating	40.6	0.92	47
7441	Gray	Roofing	32.3	0.93	36
7442	Tan	Roofing	37.9	0.93	44
7443	White	Roofing	76.2	0.94	95
7470-011	Light Gray	Deck Coating	66.5	0.92	82
7490-01	White	Roofing	78.5	0.94	99
7860-CA	White	Roofing	85.4	0.92	107
7860-LO	White	Roofing	82.1	0.92	103
45080	White	Metal Roofing	73.0	0.92	91
70611-16	Ivory	Roofing	72.1	0.93	89
70613	White	Roofing	75.8	0.94	95
70613*	White Granules	Roofing	63.9	0.96	79
70613-CA	White	Roofing	82.1	0.94	103
70613-Bio	White	Roofing	81.5	0.94	103
70613-Bio*	White Granules	Roofing	65.5	0.96	82
70640/7944	White	Roofing	83.1	0.94	105
70650	White	Roofing	75.2	0.94	94
70680	White	Roofing	77.1	0.94	96
FC7520	Gray	Deck Coating	27.2	0.93	29
FC7530-00	White	Deck Coating	83.2	0.93	105
FC7530-11	Light Gray	Deck Coating	40.0	0.94	47
FC7540	Gray	Deck Coating	26.9	0.93	29

* 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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