

MIX NAME	SOLAR REFLECTANCE	SOLAR REFLECTANCE INDEX (SRI)*
6 Sack Mix 2% 115 Yellow	0.48	56
6 Sack Mix 4% 115 Yellow	0.43	49
6 Sack Mix 2% 413 Red	0.44	50
6 Sack Mix 4% 413 Red	0.42	48
6 Sack Mix 2% 600 White	0.52	61
6 Sack Mix 3% 600 White	0.54	64
6 Sack Mix 4% 600 White	0.59	71
6 Sack Mix 2% 242 Sahara	0.41	46
6 Sack Mix 2% 115 Yellow and 2% 600 White	0.44	50
6 Sack Mix 4% 115 Yellow and 4% 600 White	0.47	54
6 Sack Mix 2% 413 Red and 2% 600 White	0.44	50
6 Sack Mix 4% 413 Red and 4% 600 White	0.42	48
413 Fox	0.34	37
288 Ginger	0.37	41
288 Bamboo	0.37	41
757 Pecan	0.37	41
757 Antique Gold	0.37	41
755 Driftwood	0.36	40
755 Spice	0.37	41
306 Canvas	0.34	37
306 Toffee	0.28	29
306 Burlap	0.28	29
238 Doeskin	0.37	41
238 Buttercup	0.39	44
2% 125 Olive Buff	0.34	37
4.5% 125 Olive Buff	0.34	37
489 Light Plum	0.24	24
489 Redwood	0.22	22
338 Rawhide	0.25	25
338 Buckskin	0.24	24
385 Taupe	0.28	29
385 Lava	0.23	23
385 Buffalo	0.21	20
385 Bark	0.18	16
242 Sandalwood	0.24	24
467 Oyster	0.17	15
467 Orchid	0.15	13
920 Slate	0.22	22
775 Sand	0.41	46
750 Salmon	0.40	45
288 Straw	0.42	48
775 Camel	0.40	45
775 Cedar	0.40	45
750 Desert Tan	0.40	45
238 Thyme	0.39	44
757 Buckwheat	0.39	44
242 Sandstone	0.33	36
417 Brick Red	0.36	40
461 Ash	0.27	28

Unless otherwise noted, these tests were done in a medium gray cement at a 5.5 sack mix. Results may vary using darker cements.

From testing by CTL Group from 4-07, 11-08 and 12-09 for Solomon Colors

CTL Group is an independent testing lab who conducted tests of Solomon Colors concrete pigments to measure solar reflectance in general accordance with ASTM C 1549-04 Standard Test Method for Determining Solar Reflectance Near Ambient Temperature Using a Portable Solar Reflectometer.

* Solar reflectance index (SRI) calculated according to ASTM E 1980 – 01 Standard Practice for Calculating Solar Reflectance Index of Horizontal and Low-Sloped Opaque Surfaces, assuming an emittance of 0.9, which is appropriate for concrete.