

CHROMIX[®] Admixtures

for Color-Conditioned[®] Concrete

■ Solar Reflectance Index (SRI) Values ■

The following SRI values for CHROMIX[®] Admixtures for Color-Conditioned[®] Concrete were calculated using ASTM E 903 and E 891 (100-point ordinate method), then the E 1980 SRI calculator following R. Levensen of LBNL using a materials emittance of 0.90 and typical ambient meteorological parameters.

The LEED v4 Heat Island Reduction credit stipulates:

“Use paving materials with a three-year aged solar reflectance (SR) value of at least 0.28. If three-year aged value information is not available, use materials with an initial SR of at least 0.33 at installation.”

Sika Scofield does not have three-year aged SR values for CHROMIX[®] Admixtures for Color-Conditioned[®] Concrete, therefore only colors that meet 0.33 at initial installation are listed.

COLOR	SRI	COLOR	SRI
C-16 Winter Beige	38	C-15 Coachella Sand	45
C-11 Desert Sand	39	C-12 Mesa Beige	47
C-235 Autumn Beige	40	C-25 Sombrero Buff	51
C-26 Antique Cork	42	C-20 Limestone	52
C-135 Summer Beige	43		