

# Solar Reflective Index

Solar Reflective Index (SRI) is simply a mathematical formula, using the two experimentally derived coefficients, solar reflectance and thermal emittance, to generate a single number. Solar Reflectance is a percentage of sunlight that is reflected by a surface when it is "hit" by sunlight. A value of 0 indicates that the material absorbs all solar energy and a value of 1.0 indicates total reflectance. Aged solar reflectance is the solar reflectance of the surface after three years, which, typically is lower than the initial reflectance value. According to LEED® v4, Aged SRI & SR are optional requirements. This report has no three-year aged value, use materials that meet the initial SR & SRI requirements.

LEED® v4	Initial SRI	3 year aged SRI	Initial Solar Reflectance	3-year aged Solar reflectance
Non-Roof Applications	-	-	0,33	0,28
Roof Top Application (if Low Sloped Roof ≤ 2:12)	82	64		
Parking Under Cover	39	32		

Product Family	Colours	Texture	Solar Reflectance Index (SRI)	Solar Reflectance (SR)
City Slabs	Alpine Grey	Buffed	46	0,43
	Sterling Grey		29	0,29
	Rockland Black		10	0,14
	Cameo Beige		60	0,54
Lexa Pavers & Slabs	Cameo Beige	Rocart	73	0,62
	Rockland Black		8	0,12
	Alpine Grey		44	0,41
	Sterling Grey		28	0,29
Mondrian Plus Pavers & Slabs	Amboise Beige	Lightly rugged, irregular	27	0,29
	Norvick Grey		26	0,25
	Margaux Beige		11	0,17
	Newport Grey		9	0,15
	Scandina Grey		25	0,27
	Rockland Black		N/A	N/A
Melville Pavers & Slabs Cassara Pavers & Slabs	Margaux Beige	Smooth	31	0,32
	Amber Beige		37	0,37
	Rockland Black		2	0,07
	Scandina Grey		28	0,28
	Shaded Grey		20	0,22
	Newport Grey		13	0,18
	Norvick Grey		18	0,20
	Habano Brown		N/A	N/A
	Grey		29	0,29
Vendome Pavers	Rockland Black	Lightly rugged, irregular	4	0,08
	Margaux Beige		28	0,29
	Amboise Beige		24	0,25
	Newport Grey		12	0,15
Trafalgar Pavers	Amboise Beige	Lightly rugged, irregular	25	0,26
	Margaux Beige		29	0,29
	Norvick Grey		17	0,20
	Newport Grey		9	0,13
	Rockland Black		N/A	N/A
Mega Arbel Pavers	Range Danville beige	Lightly rugged, irregular	27	0,28
	Range Richmond grey		16	0,18
Paleo Plus Pavers	Bourbon Beige	Smooth	23	0,24
	Norvick Grey		18	0,20
Rosebel Slabs	Margaux Beige	Lightly rugged, irregular	18	0,20
	Amboise Beige		29	0,29
	Norvick Grey		17	0,19
	Newport Grey		14	0,17
Madria Slabs	Cerus Grey	Smooth	28	0,28
	Nucari Brown		23	0,24
Provence Slabs	Fogo Grey	Lightly rugged, irregular	26	0,27
	Valcour Brown		23	0,24
	Levanna Blue		25	0,26
Stellar Slabs	Crema Beige	Smooth	N/A	N/A
	Dusk Brown		N/A	N/A
	Umbra Grey		N/A	N/A
Linum Slabs	Carbon Black	Smooth	N/A	N/A
Kensington Pavers	Canyon Grey	Lightly rugged, irregular	25	0,25
	Desert Grey		24	0,24

**Legend**

- Not producing this item
- N/A Value not available