

Solar Reflective Index - Landscape

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 and SR are optional requirements. This report has no three-year aged value, use materials that meet the initial SR and 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 | Colour | Solar Reflectance Index (SRI) | Solar Reflectance (SR) |
|------------------|----------------|-------------------------------|------------------------|
| CASSARA | Amber Beige | 37 | 0.37 |
| MELVILLE | Margaux Beige | 31 | 0.32 |
| MELVILLE | Grey | 29 | 0.29 |
| 24 X 24 | Chambord Grey | 26 | 0.27 |
| MELVILLE | Shaded Grey | 20 | 0.22 |
| PLANK | Newport Grey | 13 | 0.18 |
| NIAGARA | Scandina Grey | 32 | 0.32 |
| Pavers and Slabs | Rockland Black | 2 | 0.07 |
| | Amber Beige | 37 | 0.37 |
| CAPIO | Scandina Grey | 32 | 0.32 |
| Paver | Newport Grey | 13 | 0.18 |
| | Rockland Black | 2 | 0.07 |
| CITY | Alpine Grey | 46 | 0.43 |
| Slab | Sterling Grey | 29 | 0.29 |
| EKO | Ash Grey Blend | 31 | 0.31 |
| Paver | Granite Blend | 16 | 0.19 |
| | Ash Grey | 32 | 0.31 |
| KENSINGTON | Canyon Grey | 18 | 0.20 |
| Paver | Desert Grey | 18 | 0.20 |
| | Granite Blend | 14 | 0.17 |
| EKO | | | |
| KENSINGTON | Sierra Black | N/A | N/A |
| Rectangle Paver | | | |
| | Ash Grey | 31 | 0.31 |
| KENSINGTON | Canyon Grey | 14 | 0.17 |
| SMOOTH | Desert Grey | 19 | 0.21 |
| Paver | Granite Blend | 16 | 0.19 |
| KENSINGTON | | | |
| SMOOTH | Sierra Black | N/A | N/A |
| Rectangle Paver | | | |
| | Amber Beige | 37 | 0.37 |
| | Margaux Beige | 31 | 0.32 |
| MEGA | Chambord Grey | 26 | 0.27 |
| MELVILLE | Shaded Grey | 20 | 0.22 |
| Paver and Slab | Newport Grey | 13 | 0.18 |
| | Scandina Grey | 32 | 0.32 |
| | Rockland Black | N/A | N/A |

| Product | Colour | Solar Reflectance Index (SRI) | Solar Reflectance (SR) |
|-----------------|----------------|-------------------------------|------------------------|
| METRIK | Scandina Grey | 32 | 0.32 |
| Slab | Rockland Black | 2 | 0.07 |
| MELIA | Oasis | 56 | 0.50 |
| Paver and Slab | | | |
| | Amboise Beige | 27 | 0.29 |
| | Margaux Beige | 11 | 0.17 |
| MONDRIAN PLUS | Newport Grey | 9 | 0.15 |
| Paver and Slab | Norvick Grey | 26 | 0.25 |
| | Scandina Grey | 25 | 0.27 |
| | Rockland Black | N/A | N/A |
| | Amboise Beige | 29 | 0.29 |
| ROSEBEL | Margaux Beige | 18 | 0.20 |
| Slab | Newport Grey | 14 | 0.17 |
| | Norvick Grey | 17 | 0.19 |
| TURFSTONE Paver | Grey | 29 | 0.29 |
| | Margaux Beige | 29 | 0.29 |
| TRAFALGAR | Newport Grey | 9 | 0.13 |
| Paver | Norvick Grey | 17 | 0.20 |
| | Margaux Beige | 28 | 0.29 |
| VENDOME | Newport Grey | 12 | 0.15 |
| Paver | Rockland Black | 4 | 0.08 |
| VERTEX | Amber Beige | 37 | 0.37 |
| Slab | Scandina Grey | 32 | 0.32 |
| | Amber Beige | 37 | 0.37 |
| WILFRID | Newport Grey | 13 | 0.18 |
| Slab | Scandina Grey | 32 | 0.32 |
| VIRAGE | Scandina Grey | 32 | 0,32 |
| Paver | | | |
| ZEN | Amber Beige | 37 | 0.32 |
| Paver | Scandina Grey | 32 | 0.32 |

- : Not available at time of fabrication

N/A : Value not available

The SR and SRI values above are from independent laboratories.

The Turfstone Paver SRI is only applicable to the concrete paver colour prior to the installation.