



## SOLAR REFLECTIVE COOL PAVEMENT

Enhances Healthy Recreation at Lake Merritt, City of Oakland, California



## ENVIRONMENTALLY FRIENDLY ASPHALT ALTERNATIVE

- COLD MIXED
- COLD APPLIED
- HIGH PERFORMANCE
- NON-TOXIC
- SOLAR REFLECTIVE
- SUSTAINABLE

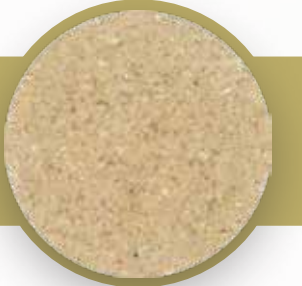




# Solar Reflectance

The NaturalPAVE® XL Resin Pavement™ specimens pictured below have solar reflectance measurements that help in meeting or exceeding the minimum Solar Reflectance Index (SRI) of 29 to qualify as high albedo pavement materials. Use of such pavement materials reduces heat absorption and radiance as required for a LEED™ Rating System Point toward “Green Building” Certification from the USGBC as per Credit SS 7.1 (Heat Island Effect) for light-colored/high albedo pavement.

NaturalPAVE XL Resin Pavement Mixture installed at Lake Merritt, City of Oakland, California



52.7



43.5

The greater the solar reflectance value, the less heat energy absorbed by the pavement

## High Performance NaturalPAVE XL<sup>®</sup> Resin Pavement<sup>™</sup>

Based on studies by independent materials laboratory consultants and universities using Marshall Stability and Resilient Modulus testing, a layer of typical NaturalPAVE XL Resin Pavement is equivalent to approximately two-times the layer thickness of conventional hot mix asphalt pavement. The tests demonstrate that the more resilient NaturalPAVE XL Resin Pavement mixtures are capable of carrying heavier loads without rutting or deformation while maintaining equal or better elasticity than asphalt pavement.

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NaturalPAVE XL<sup>®</sup> Resin Pavement<sup>™</sup>, similar to hot mix asphalt, is a surface course pavement material that is reliant on the workmanship of the pavement contractor during placement operations and on the strength and stability of the base course and underlying layers upon which it is constructed. SSPCo is a supplier of pavement materials only and not a contractor, engineer, installer, or construction inspector.

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