



L.E.E.D. - MRP-Support Data

DATE: Thursday, June 10, 2010

SUBJECT: MRP-Support Data – SOLAR REFLECTANCE INDEX (SRI)

The information below shows the LEED® SRI for those Metro colors that meet the required SRI of 29. The SRI for each color was created using the ORNL developed web based SRI calculator which can be found at;

<http://www.ornl.gov/sci/roofs+walls/calculators/sreflect/index.htm>

METRO COLOR	Initial Solar Reflectance (ISR)	Emittance (EMIT)	Solar Reflectance Index (SRI)
Pearl White-ES*	0.40	0.91	45.6
Aspen-ES*	0.30	0.94	33.9
Oak-ES**	0.28	0.93	30.9

- ORNL-SRI Calculator used the following parameters –

- o State of CALIFORNIA
- o City of LOS ANGELES

- All colors noted above are covered under Metro's California CRRC program

*= Energy Star 'APPROVED' Metro colors

**=Energy Star "Approval PENDING"

ORNL = Oak Ridge National Laboratory, Oak Ridge TN

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