



Test Report for Solar Reflectance Index

Building Energy Performance Laboratory, Centre for Sustainable Environment and Energy, CEPT University, Ahmedabad

Report No: BEPL/RPT/SRI/12

Report Date: 11th March 2011.

Report of test carried out by CEPT – CSEE: BEPL for Solar properties of Supplied Material

The test results of the specimen submitted for solar properties on date 04th March 2011 are as under:

1. Customer Information

- 1.1. **Name of the Organization** : AB Ceramics Services
1.2. **Contact Person** : Mr. ARIBHAI
1.3. **Address** : NH 8A, Pooja Chamber, Morbi 2, Gujarat State.
1.4. **Phone Numbers** : 09879075864/09047573230
1.5. **Fax Number** : 02822 221066
1.6. **Email** : aribhai@rocketmail.com

2. Sample Details

- 2.1. Sample Identification Number : SRI/03/11/1012
2.2. Date of Test : 10th March 2011
2.2 Name and any other pertinent identification of the material (including physical description) : ABC Weather Proof SRI Tile
2.3 Thickness of the specimen : Not Applicable
2.4 Thickness as tested : Not Applicable
2.5 Condition of Sample During receipt : Satisfactory
2.6 Method and Environment used for conditioning (if used) : Not Applicable
2.7 No. of Surfaces : Not Applicable
2.8 The type of surfaces : Not Applicable
2.9 Position of panes (if Multiple Glazed) : Not Applicable
2.10 The position of coating(s) designating faces of the panes as 1, 2 , 3 starting from the outer surface of pane 1: Not Applicable
2.11 The face of the panes (if Coated) : Not Applicable
2.12 Instrument used : Spectrophotometer with integrating sphere with reference material spectralone & FTIR with IR specular reflection set.
2.13 Boundary Conditions (Test Method) : As per ASTM E 1980-01, EN 673, and EN 410.
2.14 Tested By : Jayamin Patel



Test Report for Solar Reflectance Index

Building Energy Performance Laboratory, Centre for Sustainable Environment and Energy, CEPT University, Ahmedabad

2.15 Results of the measurement:

Sr. No.	Sample Name	Sample Identification	Solar Direct Reflectance	Emissivity	Solar Reflectance Index SRI
1	ABC Weather Proof SRI Tile	SRI/03/11/1012	0.7674	0.906	95

Note: SRI is calculated for convection coefficient (medium wind) $h_c = 12 \text{ W m}^{-2} \text{ K}^{-1}$

3. Certificate of Accuracy:

This is to certify that the test results herein presented are, to the best of my knowledge, true and accurate representations of the samples submitted.

Dr. V. P. Patel

Technical Director

Building Energy Performance Laboratory

Disclaimer:

1. The CSEE / BEPL are not responsible for any kind of alterations in the physical property of the sample and the customer is solely responsible for it and its consequences.
2. Result relates to the sample tested only.
3. The test report shall not be reproduced except in full, without written approval of Executive Director, BEPL.