Report No: CRDF/RPT/SRI/414
Report Date: 12th February 2019

Report of test carried out by CEPT Research and Development Foundation for Solar Reflectance Index of Supplied Material
The test results of the specimen submitted for Solar Reflectance Index on date 06th February 2019 are as under:

1. Customer Information
   1.1. Name of the Organization : Lune Tiles
   1.2. Contact Person : Mr. Bharathidasan.R
   1.3. Address : 1/127 - D, Mangali Amman Koil ST, Cowl Bazar, Pozhichalur (P.O), Chennai - 600075,
   1.4. Phone Numbers : +91 80 125 77 333
   1.5. Fax Number : Not Available
   1.6. Email : lunetiles@gmail.com

2. Sample Details
   2.1. Sample Identification Number : SRI/02/19/1415
   2.2. Date of Test : 11th February 2019
   2.3. Name and any other pertinent Identification of the material (including physical description): Lune Tiles

   2.4 Thickness of the specimen (Reported) : 15 mm
   2.5 Thickness as tested : Not Applicable
   2.6 Condition of Sample when received : Satisfactory
   2.7 Method and Environment used for conditioning (if used) : Not Applicable
   2.8 No. of Surfaces : Not Applicable
   2.9 The type of surfaces : Not Applicable
   2.10 Position of panes (if Multiple Glazed) : Not Applicable

   2.11 The position of coating(s) designating faces of the panes as 1, 2, 3 starting from the outer surface of pane 1:
       Not Applicable

   2.12 The face of the panes (if Coated) : Not Applicable

   2.13 Instrument used : Spectrophotometer with integrating sphere with reference material Spectralone & FTIR with IR specular reflection set.


Jigar Patel
Lab. Supervisor

Yashkumar Shukla
Technical Director
3. Results of the measurement:

Solar Direct Reflectance

<table>
<thead>
<tr>
<th>Sample name</th>
<th>Sample ID</th>
<th>Measurement 1</th>
<th>Measurement 2</th>
<th>Measurement 3</th>
<th>Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lune Tiles</td>
<td>SRI/02/19/1415</td>
<td>0.7517</td>
<td>0.7521</td>
<td>0.7528</td>
<td>0.7522</td>
</tr>
</tbody>
</table>

Emissivity

<table>
<thead>
<tr>
<th>Sample name</th>
<th>Sample ID</th>
<th>Measurement 1</th>
<th>Measurement 2</th>
<th>Measurement 3</th>
<th>Average</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lune Tiles</td>
<td>SRI/02/19/1415</td>
<td>0.936</td>
<td>0.936</td>
<td>0.935</td>
<td>0.936</td>
</tr>
</tbody>
</table>

Solar Reflectance Index (SRI) under different wind conditions

<table>
<thead>
<tr>
<th>Sample name</th>
<th>Sample ID</th>
<th>Solar Reflectance Index (SRI)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lune Tiles</td>
<td>SRI/02/19/1415</td>
<td>Low Wind($h_c=5$ W m$^{-2}$ K$^{-1}$) Medium Wind($h_c=12$ W m$^{-2}$ K$^{-1}$) High Wind($h_c=30$ W m$^{-2}$ K$^{-1}$)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>94</td>
</tr>
</tbody>
</table>

Surface Temperature ($T_s$) under different wind conditions

<table>
<thead>
<tr>
<th>Sample name</th>
<th>Sample ID</th>
<th>Surface Temperature (°C)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lune Tiles</td>
<td>SRI/02/19/1415</td>
<td>Low Wind($h_c=5$ W m$^{-2}$ K$^{-1}$) Medium Wind($h_c=12$ W m$^{-2}$ K$^{-1}$) High Wind($h_c=30$ W m$^{-2}$ K$^{-1}$)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>52.7</td>
</tr>
</tbody>
</table>

4. 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.

Jigar Patel
Lab. Supervisor

Yashkumar Shukla
Technical Director

Disclaimer:
1. The CEPT Research and Development Foundation, CEPT University is 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. Sample will be destroyed after 7 days of issue of the report unless specified by the customer.
3. Any complaints about this report should be communicated in writing within 7 days of issue of the report.
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