

## Test Report Determination of Solar Reflectance Index

Dubai Central Laboratory Engineering Materials Laboratory Section - Structural Unit

Report No. 2012081271  
Web Request No. DCL-22102012-0053  
Request No. 2012059480  
Project No. PS-1626  
Project Name Testing Service for Global Marketing & Consulting  
Consultant No Specific Consultant  
Contractor No Specific Contractor  
Location Store @ Ajman  
Source Thermoshield Australia Pty Ltd  
Sample Description Ceramic Coating  
Sample Type NG  
Surface Texture Smooth

Date of Sampling 21/10/2012  
Time 09:00  
Sample Received 21/10/2012  
Time 13:20

Lot No. NG  
Lot Size NG  
Size of Sample 3.75 L  
Area No. -  
Sender No. NG

Date Specimen Received 21/10/2012 Specimen Thickness 1mm  
Test Start Date 22/10/2012 Test Condition 23±2°C, 50±5% RH-

Specimen No	A,B,C
Solar Reflectance (%) as per ASTM C 1549 - 09	83.8
Emittance ( ) as per ASTM C 1371-04a	0.88
Standard Deviation of Reflectance	0.0023
Standard Deviation of Emittance	0.0020
Solar Reflectance Index (SRI) for Low Wind ( 0 to 2 m/s )	104.33
Solar Reflectance Index (SRI) for Medium Wind ( 2 to 6 m/s )	104.53
Solar Reflectance Index (SRI) for High Wind ( 6 to 10 m/s )	104.71

Tested by	Suber Duddiyanda	Remarks	This report represents the submitted samples only. Solar reflectance measured under the air mass 1.5
Test Method	ASTM E1980		
Test Method Variation	Nil		
Sampled by	Adam Hawatt		
Brought in by	Adam Hawatt		

Verified by: Head of Unit

This report is computer approved, it does not require any signature.



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