

Dubai Central Laboratory

Engineering Materials Laboratory Section – Structural Unit

TEST REPORT

DETERMINATION OF SOLAR REFLECTANCE INDEX

REPORT NO. : 2015114259 **DATE** : 09/11/2015
WEB REQUEST NO. : DCL-07102015-0206
REQUEST NO. : 2015078734 **SAMPLE NO.** : 2015105586
PROJECT NO. : PS14-0062
PROJECT NAME : TESTING SERVICE FOR AL GURG PAINTS LLC
CONSULTANT : NO SPECIFIC CONSULTANT
CONTRACTOR : NO SPECIFIC CONTRACTOR
LOCATION : STORAGE AT AL GURG PAINTS LLC SHARJAH
SOURCE : AL GURG PAINTS L.L.C.-SHARJAH
SAMPLE DESCRIPTION : PAINT
SAMPLE TYPE : TRUSHIELD MATT SMOOTH
SURFACE TEXTURE : SMOOTH

Date of Sampling	: 07/10/2015	Time	: 10:00	Lot No.	: NG
Date of Receiving Sample	: 18/10/2015	Time	: 08:00	Lot Size	: NG
Size of Sample	: 900 ml	Area No.	: -	Sender No.	: NG

DATE SPECIMEN RECEIVED	18/10/2015
SPECIMEN THICKNESS (mm)	NG
TEST CONDITION	23±2°C, 50±5% RH
TEST START DATE	19/10/2015
SPECIMEN NO.	1,2,3
Solar Reflectance (%) as per ASTM C 1549 - 09	88.3
Emittance (ε) As Per ASTM C1371-04a	0.84
Standard Deviation of Reflectance	0.0036
Standard Deviation of Emittance	0.0056

Solar Reflectance Index (SRI) for Low Wind (0 to 2 m/s)	110.15
Solar Reflectance Index (SRI) for Medium Wind (2 to 6 m/s)	110.43
Solar Reflectance Index (SRI) for High Wind (6 to 10 m/s)	110.68

SAMPLED BY : BIJU (MFR) **TESTED BY** : SANKAR RAJU
SAMPLES BROUGHT IN BY : ULLAS (MFR)
TEST METHOD : ASTM E 1980:01
TEST METHOD VARIATION : NIL
REMARKS : THIS REPORT REPRESENTS THE SUBMITTED SAMPLES ONLY.
SOLAR REFLECTANCE MEASURED UNDER THE AIR MASS 1.5
PRODUCTION DATE: 09/09/2015

**AUTHORIZED BY
HEAD OF UNIT**

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

