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
Date of Receiving Sample : 18/10/2015
Size of Sample : 900 ml
Time : 10:00
Time : 08:00
Lot No. : NG
Lot Size : NG
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

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