



LABORATORY REPORT

Al Maha Ceramics SAOG
P.O. Box 482,
Sohar, Sultanate of Oman

Report No: WD-R-240710-1057
Sample No: WD-S-240710-1002
Date of Report: 17/07/2024

Introduction: Further to the request received from **M/s. Al Maha Ceramics SAOG** dated 10th July 2024, the sample of Tile was tested for the parameters below and the results are as follows.

Sample Type : Tile
Request No. : WD-Q-240710-0306
Sample Date Received : 10/07/2024
Date of Test : 10/07/2024-17/07/2024
Tested By : AY

General Information

Name of the Product : DE500x500 mm Al Maha Barid

Solar Reflectance Index (SRI)

Test methods

Emissivity : ASTM C 1371
Solar reflectance : ASTM C 1549
SRI for wind condition (Low, Medium, High) : ASTM E 1980:01

Thermal emissivity: 0.76		Solar reflectance (%): 82.51	
Condition	Low wind (0-2 m/s)	Medium wind (2-6 m/s)	High wind (6-30 m/s)
Convective coefficient, (W/(m ² K))	5.0	12.0	30.0
Roof surface temperature (°C)	49.4	44.4	40.6
Solar reflectance index, SRI	100	101	101

Remarks: None

Signed for and on behalf of Wimpey Laboratories LLC

Anandu VS
Section In charge Chemistry-Specialty

Test results relate only to the samples tested.

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