

TYPE 1B CERTIFICATE OF PRODUCT CONFORMITY

ISSUED TO : THE HEALTHY HOME TECHNOLOGIES - FZCO
AL QUOZ 1, DUBAI, UAE

Representative Valency Bocarro
INDOOR ENVIRONMENT QUALITY LEAD

PRODUCT DESCRIPTION : THERMAILBLOCK COATING

Batch Number: 23G046

QUANTITY: 1900 Ltr

MANUFACTURER: COAT ZONE

STANDARD SPECIFICATIONS: : AL SA'FAT 2023 2nd Edition

TITLE OF STANDARD : 2023 Al Sa'fat Dubai Green Building System

SPECIFIC RULES NO. : DM-DCLD-RD-DP32-5104 (IC)

EVALUATION REPORT NO. : RA24052459

SAMPLE ID. NO./SENDER NO. : AJ5658

ATTESTATION

Dubai Central Laboratory Department-Certification and Quality Control of Products Section hereby attests that the product as described above conforms to the requirements of the standard specifications as mentioned. This attestation is based on the results of tests conducted on samples selected from the above product using a sampling procedure given in the specific rules and evaluated as per attached Evaluation Report. It is applicable only to the product as described in this Certificate and does not cover the entire production of the factory.



Manager-Certification and Quality Control of Products Section
Dubai Central Laboratory Department

Certificate No: BBCE-2024-002208
Date Issued: 26/11/2024
Valid Up To: 25/11/2025

This certificate shall not be reproduced except in full and any alteration on this document will invalidate this certificate. The Evaluation Report mentioned above forms an integral part of this Certificate. This Document is electronically approved and does not require a signature. To verify the authenticity of this document please scan the above QR Code. This certification is in accordance with Certification Scheme Type 1b as described in ISO/IEC 17067:2013

OPEN-DATA

DM-DCLD-F-IC-5005 R10

	Organization/Unit:	إدارة مختبر دبي المركزي Dubai Central Laboratory Department	الوحدة التنظيمية:	
	Document Title:	TYPE 1 CERTIFICATION - EVALUATION REPORT	عنوان الوثيقة:	
	Doc Ref.	DM-DCLD-F-IC-5004	رقم الوثيقة :	

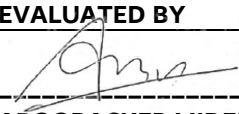

EVALUATION REPORT NO.	RA24052459
DATE	19 th November 2024
CLIENT NAME	THE HEALTHY HOME TECHNOLOGIES - FZCO (CS-340)
PRODUCT DESCRIPTION	THERMAILBLOCK COATING (WHITE)
REFERENCE STANDARD	DM-DCLD-RD-DP32-5104 (IC) Certification of Paints and Coatings AS per Related Sections in Al Sa'fat and Dubai Building Code
SAMPLE ID NO.	AJ5658
APPLICATION NO.	BBCE-2024-002208

DETAILS OF EVALUATION:

REQUIREMENTS	STANDARD CRITERIA	RESULT	TESTING LABORATORY	TEST REPORT NO.	REMARKS
Volatile Organic Compounds (VOC)	One Pack reactive Performance Coating (WB) 140 g/L (Max)	12 g/L	DCL -IBMLS	831153	Passed
Formaldehyde	< 10mg/Kg (Max)	<10	DCL -IBMLS	829035	Passed
Solar Reflectance Index (SRI)	Flat and low sloped roofs ≥ 78 (minimum)	108.00 SRI for Low wind (0 to 2 m/s) 108.24 SRI for Medium wind (2 to 6 m/s) 108.46 SRI for High wind (6 to 10 m/s)	DCL -IBMLS	828291	Passed

FINAL RECOMMENDATION

Since the above test results satisfactorily complied with the minimum requirements of Type 1 Product Certification Specific Rules for Coating in accordance with Al Sa'fat and Dubai Building Code, issuance of Certificate of Product Conformity on the above mentioned product is hereby recommended.

EVALUATED BY	NOTED & APPROVED BY
 ABOOBACKER MIDEENKUTTY Products Conformity Officer	 MAJED AL SHAMSI Certification and Quality Control of Products Section Manager (CQPSM).
Date: 19 th November 2024	Date: 19 th November 2024



Date of Issue : 29/04/2024

Rev. No.: 06

Level of Confidentiality / درجة السرية : Confidential / سري

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	Organization/Unit:	إدارة مختبر دبي المركزي Dubai Central Laboratory Department	الوحدة التنظيمية:	
	Document Title:	TEST REPORT VOC CONTENT OF PAINTS & RELATED COATINGS BY DIFFERENCE METHOD	عنوان الوثيقة:	
	Doc. Ref. :	DM-DCLD-F-IBL-0100	رقم الوثيقة:	

INFRASTRUCTURE AND BUILDING MATERIALS LABORATORIES SECTION

Report No:	831153	Request No:	EMTX-2024-0082910
Project No:	CS-340	Report Date:	18/11/2024 01:47PM
Project Name:	THE HEALTHY HOME TECHNOLOGIES - FZCO		
Consultant:	DUBAI MUNICIPALITY		
Contractor:	THE HEALTHY HOME TECHNOLOGIES - FZCO		
Location: *	Trader Warehouse		
Source: *	NOT GIVEN		
Sample Description: *	COATING		
Product Name: *	THERMAILBLOCK COATING		
Sampling Date/Time: *	22/10/2024 10:00AM	Lot/Batch/Coil/Heat No. *	-
Receiving Date/Time:	05/11/2024 01:47PM	Lot Size: *	-
Sample Size /Quantity:	1 litre	Sender No:	AJ5658
Material/Mix Type: *	NA	Laying Date/Production Date: *	NA
Nominal Size / Working Block Size (mm) : NA			



TEST RESULTS

PARAMETER	RESULTS		
VOC content in g/L, of the product "ready for use" (Clause 8.3)	12		
SPECIFICATION LIMIT *	NG		
Sampled By:	ABOBACKER MOIDEENKUTTY	Tested By:	AKALLUVETTY
Sampled Brought By:	ABOBACKER MOIDEENKUTTY	Testing Date:	05/11/2024 01:47PM
Sampling Method:	SAMPLING AS PER THE RELEVANT SPECIFIC RULES	Sampling Report No:	NA
Test Method:	BS EN ISO 11890-1 : 2007	Test Method Variation:	NIL
Remarks:	CUSTOMER PERFORMED SAMPLING AND PROVIDED THE SAMPLE, DENSITY VALUE HAS BEEN TAKEN FROM CUSTOMER PROVIDED DATA,THE RESULTS APPLY ONLY TO THE SAMPLE AS RECEIVED AND TESTED.EXEMPT COMPOUNDS NOT CALCULATED. THIS TEST METHOD IS CHOSEN BY CUSTOMER.		

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	Document Title:	TEST REPORT VOC CONTENT OF PAINTS & RELATED COATINGS BY DIFFERENCE METHOD	عنوان الوثيقة:	
	Doc. Ref. :	DM-DCLD-F-IBL-0100	رقم الوثيقة:	

INFRASTRUCTURE AND BUILDING MATERIALS LABORATORIES SECTION

Report No:	831153	Request No: EMTX-2024-0082910
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***** END OF REPORT *****

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LB-TEST-014

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	Organization/Unit:	إدارة مختبر دبي المركزي Dubai Central Laboratory Department	الوحدة التنظيمية:	
	Document Title:	TEST REPORT FORMALDEHYDE CONTENT OF WATER REDUCIBLE AIR-DRY COATINGS	عنوان الوثيقة:	
	Doc. Ref. :	DM-DCLD-F-IBL-0100	رقم الوثيقة:	

INFRASTRUCTURE AND BUILDING MATERIALS LABORATORIES SECTION

Report No:	829035	Request No:	EMTX-2024-0082910
Project No:	CS-340	Report Date:	14/11/2024 12:18PM
Project Name:	THE HEALTHY HOME TECHNOLOGIES - FZCO		
Consultant:	DUBAI MUNICIPALITY		
Contractor:	THE HEALTHY HOME TECHNOLOGIES - FZCO		
Location: *	Trader Warehouse		
Source: *	NOT GIVEN		
Sample Description: *	COATING		
Product Name: *	THERMAILBLOCK COATING		
Sampling Date/Time: *	22/10/2024 10:00AM	Lot/Batch/Coil/Heat No. *	-
Receiving Date/Time:	05/11/2024 01:47PM	Lot Size: *	-
Sample Size /Quantity:	1 litre	Sender No:	AJ5658
Material/Mix Type: *	NA	Laying Date/Production Date: *	NA
Nominal Size / Working Block Size (mm) : NA			

TEST RESULTS

PARAMETER	RESULTS		
Formaldehyde Concentration (ppm)	<10		
SPECIFICATION LIMIT *	ng		
Sampled By:	ABOBACKER MOIDEENKUTTY	Tested By:	RAMAKM
Sampled Brought By:	ABOBACKER MOIDEENKUTTY	Testing Date:	05/11/2024 01:47PM
Sampling Method:	SAMPLING AS PER THE RELEVANT SPECIFIC RULES	Sampling Report No:	NA
Test Method:	ASTM D6191-97(R2021)	Test Method Variation:	NIL
Remarks:	CUSTOMER PERFORMED SAMPLING AND PROVIDED THE SAMPLE; THE RESULTS APPLY ONLY TO THE SAMPLE AS RECEIVED AND TESTED.THIS TEST METHOD IS CHOSEN BY CUSTOMER		

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	Organization/Unit:	إدارة مختبر دبي المركزي Dubai Central Laboratory Department	الوحدة التنظيمية:	
	Document Title:	TEST REPORT SOLAR REFLECTANCE INDEX (SRI) OF MATERIALS	عنوان الوثيقة:	
	Doc. Ref. :	DM-DCLD-F-IBL-0100	رقم الوثيقة:	

INFRASTRUCTURE AND BUILDING MATERIALS LABORATORIES SECTION

Report No:	828291	Request No:	EMTX-2024-0082910
Project No:	CS-340	Report Date:	13/11/2024 02:40PM
Project Name:	THE HEALTHY HOME TECHNOLOGIES - FZCO		
Consultant:	DUBAI MUNICIPALITY		
Contractor:	THE HEALTHY HOME TECHNOLOGIES - FZCO		
Location: *	Trader Warehouse		
Source: *	NOT GIVEN		
Sample Description: *	COATING		
Product Name: *	THERMAILBLOCK COATING		
Sampling Date/Time: *	22/10/2024 10:00AM	Lot/Batch/Coil/Heat No.*	-
Receiving Date/Time:	06/11/2024 02:28PM	Lot Size: *	-
Sample Size /Quantity:	1 litre	Sender No:	AJ5658
Material/Mix Type: *	NA	Laying Date/Production Date: *	NA
Nominal Size / Working Block Size (mm) : NA			

TEST RESULTS

PARAMETER	RESULTS		
SURFACE TEXTURE	SMOOTH		
SPECIMEN THICKNESS (mm)	NG		
TEST CONDITION	23+/-2Degree, 50+/-5% RH		
SPECIMEN NO.	1,2,3		
Solar Reflectance (%) as per ASTM C 1549	86.6		
Emittance (e) As Per ASTM C1371	0.86		
Standard Deviation of Reflectance	0.0006		
Standard Deviation of Emittance	0.0080		
Solar Reflectance Index (SRI) for Low Wind (0 to 2 m/s)	108.00		
Solar Reflectance Index (SRI) for Medium Wind (2 to 6 m/s)	108.24		
Solar Reflectance Index (SRI) for High Wind (6 to 10 m/s)	108.46		
Sampled By:	ABOBACKER MOIDEENKUTTY	Tested By:	SSRAJU
Sampled Brought By:	ABOBACKER MOIDEENKUTTY	Testing Date:	06/11/2024 02:28PM
Sampling Method:	SAMPLING AS PER THE RELEVANT SPECIFIC RULES	Sampling Report No:	NA
Test Method:	ASTM E1980-11(2019)	Test Method Variation:	NIL
Remarks:	CUSTOMER PERFORMED SAMPLING AND PROVIDED THE SAMPLE; THE RESULTS APPLY ONLY TO THE SAMPLE AS RECEIVED AND TESTED. - SOLAR REFLECTANCE MEASURED UNDER THE AIR MASS 1.5		

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	Document Title:	TEST REPORT SOLAR REFLECTANCE INDEX (SRI) OF MATERIALS	عنوان الوثيقة:	
	Doc. Ref. :	DM-DCLD-F-IBL-0100	رقم الوثيقة:	

INFRASTRUCTURE AND BUILDING MATERIALS LABORATORIES SECTION

Report No:	828291	Request No: EMTX-2024-0082910
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