

## TYPE 1B CERTIFICATE OF PRODUCT CONFORMITY

ISSUED TO	:	URBAN GREEN INSULATION AND FIRE PROTECTION L.L.C DY-14, AREX BUILDING, OFFICE NO 45 46, AL JADDAF, DUBAI UAE
	Representative	SAIFUDDIN TAHER DIRECTOR
PRODUCT DESCRIPTION	:	C-COAT T250ST Coating
	Batch Number:	#01112022-11:05-1EU
	QUANTITY:	10000 Ltr
	MANUFACTURER:	C-COAT INSULATION Poland Pty Ltd Sp. z o.o
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-DP32-5111 (IC)
EVALUATION REPORT NO.	:	RA23052120
SAMPLE ID. NO./SENDER NO.	:	AJ4921

### 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-2023-001026  
**Date Issued:** 11/12/2023  
**Valid Up To:** 10/12/2024

*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 required 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 R9

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

<b>EVALUATION REPORT NO.</b>	<b>RA23052120</b>
<b>DATE</b>	<b>06<sup>th</sup> December 2023</b>
<b>CLIENT NAME</b>	<b>URBAN GREEN INSULATION AND FIRE PROTECTION L.L.C (CS-249)</b>
<b>PRODUCT DESCRIPTION</b>	<b>C-COAT T250ST Coating</b>
<b>REFERENCE STANDARD</b>	<b>DM-DCLD-RD-DP32-5104 (IC) Certification of Paints and Coatings AS per Related Sections in Al Sa'fat and Dubai Building Code</b>
<b>SAMPLE ID NO.</b>	<b>AJ4921</b>
<b>APPLICATION NO.</b>	<b>BBCE-2023-001026</b>

#### DETAILS OF EVALUATION:

REQUIREMENTS	STANDARD CRITERIA	RESULT	TESTING LABORATORY	TEST REPORT NO.	REMARKS
Solar Reflectance Index (SRI)	Flat and low sloped roofs $\geq 78$ (minimum)	102.12 SRI for Low wind (0 to 2 m/s)  102.87 SRI for Medium wind (2 to 6 m/s)  103.51 SRI for High wind (6 to 10 m/s)	DCL -IBMLS	672607(Rev.1)	PASSED
Volatile Organic Compounds (VOC)	One pack Performance Coating (WB) 140 g/L (Max)	<1	DCL -IBMLS	671082	PASSED
Formaldehyde	< 10mg/Kg (Max)	<10	DCL -IBMLS	671582	PASSED

#### FINAL RECOMMENDATION

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

Date of Issue : 27/03/2023	Rev. No. : 05
Level of Confidentiality / درجة السرية : Confidential / سري	of 1 Page 2

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

<b>EVALUATED BY</b>  ----- <b>ABOBACKER MOIDEENKUTTY</b> Products Conformity Officer Date: 06 <sup>th</sup> December 2023	<b>NOTED &amp; APPROVED BY</b>  ----- <b>ARIF HUSAIN AL MARZOOQI</b> Manager - Certification and Quality Control of Products Section- (CQPSM). Date: 06 <sup>th</sup> December 2023
---	---

Date of Issue : 27/03/2023	Rev. No. : 05
Level of Confidentiality / درجة السرية : Confidential / سري	of 2 Page 2

 GOVERNMENT OF DUBAI	Organization/Unit:	إدارة مختبر دبي المركزي Dubai Central Laboratory Department	الوحدة التنظيمية:	 بلدية دبي Dubai Municipality
	Document Title:	TEST REPORT VOC CONT.OF PAINTS & RELATED COATINGS BY DIFF. METHOD	عنوان الوثيقة:	
	Doc. Ref. :	DM-DCLD-F-CM-0100	رقم الوثيقة:	

**CONSTRUCTION MATERIAL LABORATORY SECTION  
CHEMICAL ANALYSIS OF CONSTRUCTION MATERIAL UNIT**

Report No:	671082	Request No:	EMTX-2023-0040926
Project No:	CS-249	Report Date:	28/11/2023 08:54AM
Project Name:	URBAN GREEN INSULATION AND FIRE PROTECTION L.LC		
Consultant:	DUBAI MUNICIPALITY		
Contractor:	URBAN GREEN INSULATION AND FIRE PROTECTION L.LC		
Location: *	FACTORY WAREHOUSE		
Source: *	NOT GIVEN		
Sample Description: *	COATING		
Product Name: *	C-COAT T250ST Coating		
Sampling Date/Time: *	09/11/2023 11:00AM	Lot/Batch/Coil/Heat No.*	#01112022-11:05-1EU
Receiving Date/Time:	21/11/2023 01:10PM	Lot Size: *	10000 litre
Sample Size /Quantity:	1 kilogram	Sender No:	AJ4921
Material/Mix Type: *	NA	Laying Date/Production Date: *	NA
Nominal Size / Working Block Size (mm) : 150 X 150			

**TEST RESULTS**

PARAMETER	RESULTS		
VOC content in g/L, of the product "ready for use" (Clause 8.3)	<1		
SPECIFICATION LIMIT *	As per Clause [404.01] Al Sa'fat DBC.		
Sampled By:	AMKUTTY (DCL)	Tested By:	REDASH
Sampled Brought By:	AMKUTTY (DCL)	Testing Date:	21/11/2023 01:10PM
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.		

**Disclaimer :** \* Information is supplied by the customer and Laboratory is not responsible for this data.

To verify this document please go to : <https://www.dm.gov.ae/#check-tab5>

Enter Document ID: **EMTX-2023-0040926** and Verification Code: **1141313**

or Scan the QR code below.



Date of Issue :	02/05/2021	Rev No. : 3
Shared - Confidential / مشترك - خاص	Level of Confidentiality / درجة السرية	Page 1 of 2

 GOVERNMENT OF DUBAI	<b>Organization/Unit:</b> إدارة مختبر دبي المركزي Dubai Central Laboratory Department	الوحدة التنظيمية:	 بلدية دبي Dubai Municipality
	<b>Document Title:</b> TEST REPORT VOC CONT.OF PAINTS & RELATED COATINGS BY DIFF. METHOD	عنوان الوثيقة:	
	<b>Doc. Ref. :</b>	رقم الوثيقة: DM-DCLD-F-CM-0100	

**CONSTRUCTION MATERIAL LABORATORY SECTION**  
**CHEMICAL ANALYSIS OF CONSTRUCTION MATERIAL UNIT**

<b>Report No:</b>	671082	<b>Request No:</b> EMTX-2023-0040926
-------------------	--------	--------------------------------------

**\*\*\* END OF REPORT \*\*\***

*This report is computer approved and authorized by Head of Unit and does not require any signature.*



LB-TEST-014

PO Box 67, Dubai, UAE - Tel: (+971 4) 3027216 - Email: labs@dm.gov.ae - Website: <http://www.dm.gov.ae>

*This report shall not be reproduced except in full without approval of the laboratory.*

Date of Issue :	02/05/2021	Rev No. : 3
Shared - Confidential / مشترك - خاص	Level of Confidentiality / درجة السرية	Page 2 of 2

 GOVERNMENT OF DUBAI	<b>Organization/Unit:</b> إدارة مختبر دبي المركزي Dubai Central Laboratory Department	الوحدة التنظيمية:	 بلدية دبي Dubai Municipality
	<b>Document Title:</b> TEST REPORT FORMALDEHYDE CONTENT OF WATER REDUCIBLE AIR-DRY COATINGS	عنوان الوثيقة:	
	<b>Doc. Ref. :</b>	رقم الوثيقة:	

**CONSTRUCTION MATERIAL LABORATORY SECTION  
CHEMICAL ANALYSIS OF CONSTRUCTION MATERIAL UNIT**

<b>Report No:</b>	671582	<b>Request No:</b>	EMTX-2023-0040926
<b>Project No:</b>	CS-249	<b>Report Date:</b>	28/11/2023 02:25PM
<b>Project Name:</b>	URBAN GREEN INSULATION AND FIRE PROTECTION L.L.C		
<b>Consultant:</b>	DUBAI MUNICIPALITY		
<b>Contractor:</b>	URBAN GREEN INSULATION AND FIRE PROTECTION L.L.C		
<b>Location: *</b>	FACTORY WAREHOUSE		
<b>Source: *</b>	NOT GIVEN		
<b>Sample Description: *</b>	COATING		
<b>Product Name: *</b>	C-COAT T250ST Coating		
<b>Sampling Date/Time: *</b>	09/11/2023 11:00AM	<b>Lot/Batch/Coil/Heat No.*</b>	#01112022-11-05-1EU
<b>Receiving Date/Time:</b>	21/11/2023 01:10PM	<b>Lot Size: *</b>	10000 litre
<b>Sample Size /Quantity:</b>	1 kilogram	<b>Sender No:</b>	AJ4921
<b>Material/Mix Type: *</b>	NA	<b>Laying Date/Production Date: *</b>	NA
<b>Nominal Size / Working Block Size (mm) : 150 X 150</b>			

**TEST RESULTS**

PARAMETER	RESULTS
Formaldehyde Concentration (ppm)	<10
SPECIFICATION LIMIT *	As per Clause [404.01] Al Sa'fat DBC.
<b>Sampled By:</b>	AMKUTTY (DCL)
<b>Sampled Brought By:</b>	AMKUTTY (DCL)
<b>Sampling Method:</b>	SAMPLING AS PER THE RELEVANT SPECIFIC RULES
<b>Test Method:</b>	ASTM D6191-97(R2021)
<b>Tested By:</b>	RAMAKM
<b>Testing Date:</b>	21/11/2023 01:10PM
<b>Sampling Report No:</b>	NA
<b>Test Method Variation:</b>	NIL
<b>Remarks:</b>	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

**Disclaimer :** \* Information is supplied by the customer and Laboratory is not responsible for this data.

To verify this document please go to : <https://www.dm.gov.ae/#check-tab5>

Enter Document ID: **EMTX-2023-0040926** and Verification Code: **1141314**

or Scan the QR code below.



**\*\*\* END OF REPORT \*\*\***

*This report is computer approved and authorized by Head of Unit and does not require any signature.*



LB-TEST-014

PO Box 67, Dubai, UAE - Tel: (+971 4) 3027216 - Email: labs@dm.gov.ae - Website: http://www.dm.gov.ae

*This report shall not be reproduced except in full without approval of the laboratory.*

Date of Issue :	02/05/2021	Rev No. : 3
Shared - Confidential / مشترك - خاص	Level of Confidentiality / درجة السرية	Page 1 of 1

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

**CONSTRUCTION MATERIAL LABORATORY SECTION  
GREEN BUILDING PRODUCT UNIT**

<b>Report No:</b>	672607(Rev.1)	<b>Request No:</b>	EMTX-2023-0040926
<b>Project No:</b>	CS-249	<b>Report Date:</b>	30/11/2023 08:36AM
<b>Project Name:</b>	URBAN GREEN INSULATION AND FIRE PROTECTION L.L.C		
<b>Consultant:</b>	DUBAI MUNICIPALITY		
<b>Contractor:</b>	URBAN GREEN INSULATION AND FIRE PROTECTION L.L.C		
<b>Location: *</b>	FACTORY WAREHOUSE		
<b>Source: *</b>	NOT GIVEN		
<b>Sample Description: *</b>	COATING		
<b>Product Name: *</b>	C-COAT T250ST Coating		
<b>Sampling Date/Time: *</b>	09/11/2023 11:00AM	<b>Lot/Batch/Coil/Heat No.*</b>	#01112022-11:05-1EU
<b>Receiving Date/Time:</b>	22/11/2023 07:45AM	<b>Lot Size: *</b>	10000 litre
<b>Sample Size /Quantity:</b>	1 kilogram	<b>Sender No:</b>	AJ4921
<b>Material/Mix Type: *</b>	NA	<b>Laying Date/Production Date: *</b>	NA
<b>Nominal Size / Working Block Size (mm) : 150 X 150</b>			

**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	83.6
Emittance (e) As Per ASTM C1371	0.79
Standard Deviation of Reflectance	0.0061
Standard Deviation of Emittance	0.0060
Solar Reflectance Index (SRI) for Low Wind (0 to 2 m/s)	102.12
Solar Reflectance Index (SRI) for Medium Wind (2 to 6 m/s)	102.87
Solar Reflectance Index (SRI) for High Wind (6 to 10 m/s)	103.51

<b>Sampled By:</b>	AMKUTTY (DCL)	<b>Tested By:</b>	SSRAJU
<b>Sampled Brought By:</b>	AMKUTTY (DCL)	<b>Testing Date:</b>	22/11/2023 07:45AM
<b>Sampling Method:</b>	SAMPLING AS PER THE RELEVANT SPECIFIC RULES	<b>Sampling Report No:</b>	NA
<b>Test Method:</b>	ASTM E1980-11(2019)	<b>Test Method Variation:</b>	NIL

<b>Remarks:</b>	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 - This report supersedes previously issued report no 672607.
-----------------	---

PO Box 67, Dubai, UAE - Tel: (+971 4) 3027216 - Email: labs@dm.gov.ae - Website: http://www.dm.gov.ae

*This report shall not be reproduced except in full without approval of the laboratory.*

Date of Issue :	02/05/2021	Rev No. : 3
Shared - Confidential / مشترك - خاص	Level of Confidentiality / درجة السرية	Page 1 of 2

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

CONSTRUCTION MATERIAL LABORATORY SECTION  
GREEN BUILDING PRODUCT UNIT

Report No:	672607(Rev.1)	Request No: EMTX-2023-0040926
------------	---------------	-------------------------------

**Disclaimer :** \* Information is supplied by the customer and Laboratory is not responsible for this data.

To verify this document please go to : <https://www.dm.gov.ae/#check-tab5>

Enter Document ID: **EMTX-2023-0040926** and Verification Code: **1141315**

or Scan the QR code below.



\*\*\* END OF REPORT \*\*\*

*This report is computer approved and authorized by Head of Unit and does not require any signature.*



LB-TEST-014

PO Box 67, Dubai, UAE - Tel: (+971 4) 3027216 - Email: labs@dm.gov.ae - Website: http://www.dm.gov.ae

*This report shall not be reproduced except in full without approval of the laboratory.*

Date of Issue :	02/05/2021	Rev No. : 3
Shared - Confidential / مشترك - خاص / <b>Level of Confidentiality / درجة السرية</b>		Page 2 of 2