

TYPE 1B CERTIFICATE OF PRODUCT CONFORMITY

ISSUED TO : PR East FZ-LLC
AL SHOHODA ROAD, RAS AL KHAIMAH, UNITED ARAB EMIRATES

Representative PAVEL RUDNEV
GENERAL MANAGER

PRODUCT DESCRIPTION : BRONYA SUPERFINE HEAT INSULATION CLASSIC COATING

Batch Number: 00002 / 15112024

QUANTITY: 25 Ltr

MANUFACTURER: NPO BRONYA LLC

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. : RA25052525

SAMPLE ID. NO./SENDER NO. : AJ5761

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-2024-002685
Date Issued: 19/02/2025
Valid Up To: 18/02/2026

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 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 :	

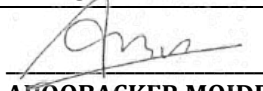

EVALUATION REPORT NO.	RA25052525
DATE	18th February 2025
CLIENT NAME	PR EAST FZ-LLC (CS-356)
PRODUCT DESCRIPTION	BRONYA SUPERFINE HEAT INSULATION CLASSIC COATING
REFERENCE STANDARD	DM-DCLD-RD-DP32-5104 (IC) Certification of Coatings AS per Related Sections in Al Sa'fat and Dubai Building Code.
SAMPLE ID NO.	AJ5761
APPLICATION NO.	BBCE-2024-002685

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)	29 g/L	DCL -IBMLS	869768	Passed
Formaldehyde	< 10mg/Kg (Max)	<10	DCL -IBMLS	868710	Passed
Solar Reflectance Index (SRI)	Flat and Low sloped roofs ≥ 78 (minimum)	95.90 SRI for Low wind (0 to 2 m/s) 97.22 SRI for Medium wind (2 to 6 m/s) 98.32 SRI for High wind (6 to 10 m/s)	DCL -IBMLS	870107	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 recommende.

EVALUATED BY  ABOBACKER MOIDEENKUTTY Products Conformity Officer	NOTED & APPROVED BY  Eng. MAJED AL SHAMSI Certification and Quality Control of Products Section Manager (CQPSM).
Date: 18 th February 2025	Date: 18 th February 2025

Date of Issue : 29/04/2024	Rev. No.: 06
Level of Confidentiality / درجة السرية: Confidential / سري	Page 1 of 1

	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. :	رقم الوثيقة:	

INFRASTRUCTURE AND BUILDING MATERIALS LABORATORIES SECTION

Report No:	869768	Request No:	EMTX-2025-0005015
Project No:	CS-356	Report Date:	04/02/2025 12:18PM
Project Name:	PR EAST FZ-LLC		
Consultant:	DUBAI MUNICIPALITY		
Contractor:	PR East FZ-LLC		
Location: *	Trader Warehouse		
Source: *	NOT GIVEN		
Sample Description: *	COATING		
Product Name: *	BRONYA SUPERFINE HEAT INSULATION CLASSIC COATING		
Sampling Date/Time: *	16/01/2025 11:00AM	Lot/Batch/Coil/Heat No. *	00002 / 15112024
Receiving Date/Time:	27/01/2025 02:03PM	Lot Size: *	25 litre
Sample Size /Quantity:	1 kilogram	Sender No:	AJ5761
Material/Mix Type: *	NA	Laying Date/Production Date: *	NA
Nominal Size / Working Block Size (mm) : 150X150			

TEST RESULTS

PARAMETER	RESULTS		
VOC content in g/L, of the product "ready for use" (Clause 8.3)	29		
SPECIFICATION LIMIT *	NOT GIVEN		
Sampled By:	AMKUTTY	Tested By:	AKALLUVETTY
Sampled Brought By:	AMKUTTY	Testing Date:	27/01/2025 02:03PM
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. :	رقم الوثيقة: DM-DCLD-F-IBL-0100	

INFRASTRUCTURE AND BUILDING MATERIALS LABORATORIES SECTION

Report No:	869768	Request No: EMTX-2025-0005015
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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. :	رقم الوثيقة:	

INFRASTRUCTURE AND BUILDING MATERIALS LABORATORIES SECTION

Report No:	868710	Request No:	EMTX-2025-0005015
Project No:	CS-356	Report Date:	03/02/2025 10:08AM
Project Name:	PR EAST FZ-LLC		
Consultant:	DUBAI MUNICIPALITY		
Contractor:	PR East FZ-LLC		
Location: *	Trader Warehouse		
Source: *	NOT GIVEN		
Sample Description: *	COATING		
Product Name: *	BRONYA SUPERFINE HEAT INSULATION CLASSIC COATING		
Sampling Date/Time: *	16/01/2025 11:00AM	Lot/Batch/Coil/Heat No.*	00002 / 15112024
Receiving Date/Time:	27/01/2025 02:03PM	Lot Size: *	25 litre
Sample Size /Quantity:	1 kilogram	Sender No:	AJ5761
Material/Mix Type: *	NA	Laying Date/Production Date: *	NA
Nominal Size / Working Block Size (mm) : 150X150			

TEST RESULTS

PARAMETER	RESULTS		
Formaldehyde Concentration (ppm)	<10		
SPECIFICATION LIMIT *	NOT GIVEN		
Sampled By:	AMKUTTY	Tested By:	AKALLUVETTY
Sampled Brought By:	AMKUTTY	Testing Date:	27/01/2025 02:03PM
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:	870107	Request No:	EMTX-2025-0005015
Project No:	CS-356	Report Date:	04/02/2025 03:31PM
Project Name:	PR EAST FZ-LLC		
Consultant:	DUBAI MUNICIPALITY		
Contractor:	PR East FZ-LLC		
Location: *	Trader Warehouse		
Source: *	NOT GIVEN		
Sample Description: *	COATING		
Product Name: *	BRONYA SUPERFINE HEAT INSULATION CLASSIC COATING		
Sampling Date/Time: *	16/01/2025 11:00AM	Lot/Batch/Coil/Heat No.*	00002 / 15112024
Receiving Date/Time:	28/01/2025 07:45AM	Lot Size: *	25 litre
Sample Size /Quantity:	1 kilogram	Sender No:	AJ5761
Material/Mix Type: *	NA	Laying Date/Production Date: *	NA
Nominal Size / Working Block Size (mm) : 150X150			

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	80.3
Emittance (e) As Per ASTM C1371	0.74
Standard Deviation of Reflectance	0.0060
Standard Deviation of Emittance	0.0042
Solar Reflectance Index (SRI) for Low Wind (0 to 2 m/s)	95.90
Solar Reflectance Index (SRI) for Medium Wind (2 to 6 m/s)	97.22
Solar Reflectance Index (SRI) for High Wind (6 to 10 m/s)	98.32



Sampled By:	AMKUTTY	Tested By:	AKKUNNATH
Sampled Brought By:	AMKUTTY	Testing Date:	28/01/2025 07:45AM
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:	870107	Request No: EMTX-2025-0005015
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