

	Organization /Unit: إدارة مختبر دبي المركزي Dubai Central Laboratory Department	الوحدة التنظيمية:	
	Document Title: TEST REPORT COMPRESSIVE STRENGTH/COMPRESSIVE STRESS AT 10% DEFORMATION	عنوان الوثيقة:	
	Doc. Ref. :	DM-DCLD-F-IBL-0100 رقم الوثيقة:	

INFRASTRUCTURE AND BUILDING MATERIALS LABORATORIES SECTION

Report No:	1079483	Request No: EMTX-2026-0002245
Project No:	CF-594	Report Date: 15/01/2026 09:40AM
Project Name:	ALWAN AL MATAR TECHNICAL SERVICE	
Consultant:	DUBAI MUNICIPALITY	
Contractor:	ALWAN AL MATAR TECHNICAL SERVICE	
Location: *	spray applied on the floor of one of the Site villas	
Source: *	NOT GIVEN	
Sample Description: *	SPRAY APPLIED RIGID CELLULAR POLYURETHANE INSULATION	
Product Name: *	Spray Applied Rigid Cellular Polyurethane Insulation	
Sampling Date/Time: *	10/12/2025 11:00AM	Lot/Batch/Coil/Heat No.* -
Receiving Date/Time:	09/01/2026 10:18AM	Lot Size: * -
Sample Size /Quantity:	10 pieces	Sender No: SMP-AAM-001
Material/Mix Type: *	NA	Laying Date/Production Date: * NA
Nominal Size / Working Block Size (mm) : 1000x500x50		

TEST RESULTS

PARAMETER	RESULTS				
SUPPORT / FACING*	NIL				
NOM. THICKNESS (mm)*	50				
NOM. DENSITY (kg/m3)*	40				
SPECIFICATION LIMIT	NG				
SPECIMEN NOM. LENGTH (mm)	150				
SPECIMEN NOM. WIDTH (mm)	150				
SPECIMEN NOM. THICKNESS (mm)	50				
PRE-COND. TEMP & RH	23+/-2deg C, 50+/-5% RH				
PRE-CONDITIONING DURATION (H)	96				
TEST CONDITION	23+/-2deg C, 50+/-5% RH				
SPECIMEN NO.	1	2	3	4	5
MEASURED DENSITY (kg/Cubic m)	44.4	42.7	43.9	42.1	44.2
INITIAL CROSS SECTIONAL AREA (mm2)	22312.01	22489.71	22661.67	22645.70	22859.78
MEASURED AS PER BS EN 12085:2013					
SPECIFIED DEFORMATION (%)	10				
COMPRESSIVE STRESS @ SPECIFIED RELATIVE DEFORMATION (kPa)	334.7	320.0	324.1	330.0	338.0
AVERAGE COMPRESSIVE STRESS @ SPECIFIED RELATIVE DEFORMATION (kPa)	329.4				

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INFRASTRUCTURE AND BUILDING MATERIALS LABORATORIES SECTION

Report No:	1079483	Request No:	EMTX-2026-0002245
Sampled By:	Subair Mada Puram	Tested By:	AKKUNNATH
Sampled Brought By:	CLIENT REPRESENTATIVE	Testing Date:	09/01/2026 10:18AM
Sampling Method:	SAMPLING AS PER THE RELEVANT SPECIFIC RULES	Sampling Report No:	NA
Test Method:	BS EN 826 : 2013	Test Method Variation:	NIL
Remarks:	CUSTOMER PERFORMED SAMPLING AND PROVIDED THE SAMPLE; THE RESULTS APPLY ONLY TO THE SAMPLE AS RECEIVED AND TESTED.		

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

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

This report is computer approved and authorized by In Charge of Lab and does not require any signature.



LB-TEST-014

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