About Adriatic Kitchens Sea L.L.C.SP

Adriatic Kitchens was established in 2002 in Sharjah, United Arab Emirates, and has since grown into a trusted name in the manufacturing and supply of doors, kitchens, and wardrobes. Managed by a team of European-educated professionals, the company is known for its commitment to quality, precision, and modern design.

With over two decades of experience, Adriatic Kitchens has successfully delivered numerous projects across the UAE, including residential buildings, offices, and rural developments. Our high-quality products are tailored to meet the diverse needs of both individual and commercial clients.

In addition to serving the UAE market, we proudly export to Africa and maintain a strong presence across the GCC countries through active participation in regional exhibitions. Our dedication to innovation and customer satisfaction has positioned us as a preferred partner for clients seeking functional, stylish, and durable interior solutions.

At Adriatic Kitchens, every project reflects our passion for craftsmanship and our commitment to excellence in design and execution.

For Adriatic Kitchens Sea L.L.C.SP

Abdulkader Salahie

Adriatic Sea Kitchens

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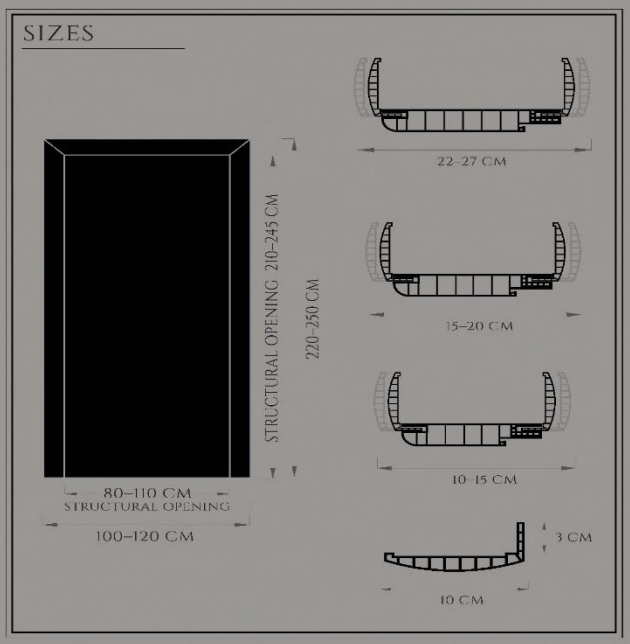
L.L.C.SP ذ.م.م.ش.ش.و



SPECIFICATIONS

DOOR PANEL	-HIGH DENSITY XPS FOAM 32 KG/M3 -SOLID WOOD -PUR HOT MELT GLUE -PVC FACE 2.7 MM -1 MM PVC LIPPING -PVC SKIN
FRAME	-SABIC PVC -POLYMERS -PUR HOT MELT GLUE -PVC SKIN
ARCHITRAVE	-SABIC PVC -POLYMERS -PUR HOT MELT GLUE -PVC SKIN

STRUCTURAL OPENING GUIDE

Door 500027 2200x1000
Structural Opening 800-900x2100-2150

Door 500023 2200x1100
Structural Opening 900-1000x2100-2150

Door 500014 2200x1200
Structural Opening 1000-1100x2100-2150

Door 500032 2300x1000
Structural Opening 800-900x2200-2250

Door 500036 2300x1100
Structural Opening 900-1000x2200-2250

Door 500040 2300x1200
Structural Opening 1000-1100x2200-2250

Door 500044 2500x1000
Structural Opening 800-900x2400-2450

Door 500047 2500x1100
Structural Opening 900-1000x2400-2450

Door 500050 2500x1200
Structural Opening 1000-1100x2400-2450

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ALASHRAFY DOORS VS COMPETITORS

Spec advantages

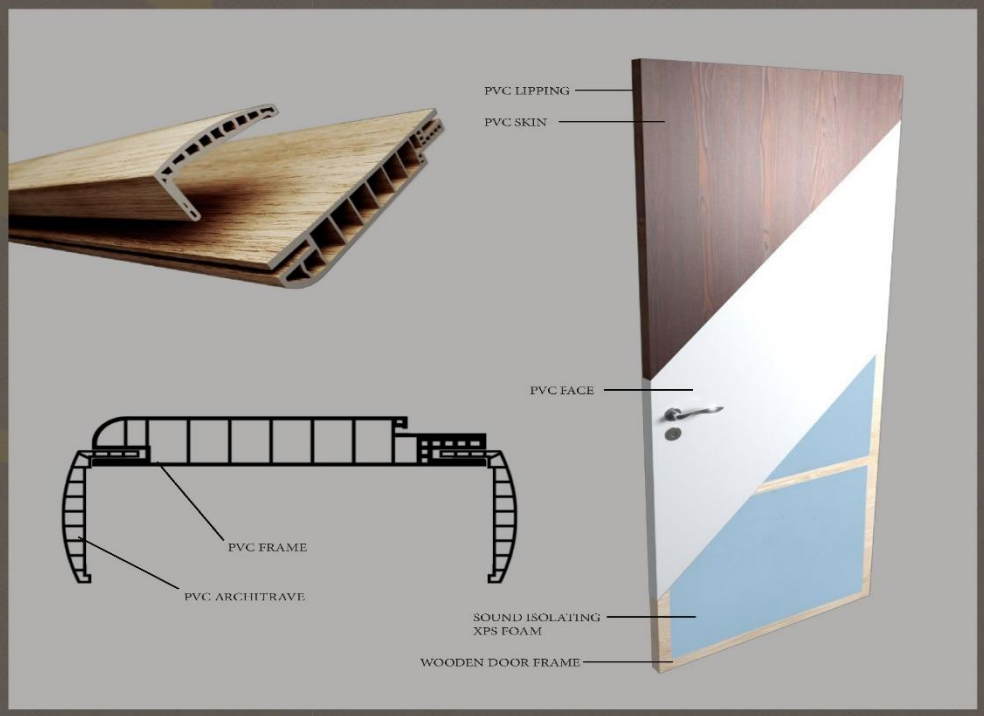
	Alashrafy Door	Competitors Door	Full WPC Door	Framed WPC Door
				
PVC Material	High Quality Sabic grade	Low grade of pvc and high percentage of recycle	Low grade of pvc and high percentage of recycle	Low grade of pvc and high percentage of recycle
Frame and architrave Structure density	High Density for stable and strong product	Low density and high recycle composition , making structure weak and breakable	Low density and high recycle composition , making structure weak and breakable	Low density and high recycle composition , making structure weak and breakable
Door Panel Face	2.7 mm high density face for higher shock absorption	2.2 mm low density door face , resulting in breaks and cracks in structure	2.2 mm low density door face , resulting in breaks and cracks in structure	2.2 mm low density door face , resulting in breaks and cracks in structure
Door Panel Structure stability	High density wood frame and XPS foam with 2.7mm High density face, 1) No bending or warping of door 2) No breaking or cracking 3) High Shock absorption	Low density wood frame and Styrofoam with 2.2mm low density face, 1) More likely to develop breaking or cracking 2) Low Shock absorption	Low density Panles 1) High bending or Warping of door 2) More likely to develop breaking or cracking 3) Low Shock absorption	Low density Panles 1) Falling apart of door U- Channel 2)High bending or Warping of door 3) More likely to develop breaking or cracking 4) Low Shock absorption
Door Hinge and body lock Stability	High density wood for high screw resistance and stability	Low density wood for low screw resistance and stability	Low density PVC for low screw resistance and stability	Low density PVC and weak door panel frame glue resulting in low screw resistance and stability and falling apart of door U- Channel
PVC Skin	0.2 mm for high scratch resistance and realistic wood grain affect	0.16 mm , more susceptible to scratches	0.16 mm , more susceptible to scratches	0.16 mm , more susceptible to scratches
Glue	PUR hot melt glue used is water and moisture resistant, negates maintenance and prevents peeling of pvc skin and door face	White glue used is not water or moisture resistant causing peeling of pvc skin and falling apart of different parts of the door. In result door, is not water and moisture resistant	White glue used is not water or moisture resistant causing peeling of pvc skin and falling apart of different parts of the door. In result door, is not water and moisture resistant	White glue used is not water or moisture resistant causing peeling of pvc skin and falling apart of different parts of the door. In result door, is not water and moisture resistant
	Financial and Lead time advantages			
Lead time	Immediate delivery for stock	3-4 month shipment	3-4 month shipment	3-4 month shipment
Financial advantage	Minimum 12 times stock turnover resulting in higher overall sales turnover per year	Since lead time is 3-4 month, stock turnover is only 3 times a year resulting in a low sales turnover per year	Since lead time is 3-4 month, stock turnover is only 3 times a year resulting in a low sales turnover per year	Since lead time is 3-4 month, stock turnover is only 3 times a year resulting in a low sales turnover per year
Investment	Since there is no lead time, buy when required is a major money saver to forget about budgeting and focus on profits	Require large investment and budget plan to pay upfront for several containers and stagnate the investment for 3-4 months until doors arrive to selling destination	Require large investment and budget plan to pay upfront for several containers and stagnate the investment for 3-4 months until doors arrive to selling destination	Require large investment and budget plan to pay upfront for several containers and stagnate the investment for 3-4 months until doors arrive to selling destination

DOOR STRUCTURE

Door Type: PVC Door
Materials:

- Architrave: Polyvinyl Chloride
- Frame: Polyvinyl Chloride
- Door Panel: PVC Face - Sound Isolating XPS Foam

Thickness Of Door Panel: 41mm
Open Type: Swing
Application: Indoor, Hotel, Bathroom,Kitchen
Package: Standard Export Carton



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Common wooden door issues

Termite

Water Damage

Cracks and Damaged paint

Warped door

IT'S TIME TO CHANGE

	PVC Door	Wooden Door
• **Aesthetics**	Wide variety of colors and finishes	Limited to the natural wood species
• **Water proof**	Does not rot, warp, or require frequent maintenance like wooden doors.	Warps and require regular maintenance to prevent damage from moisture and pests
• **Durability**	1) Resistant to termites, fungi, and other pests. 2) Easy to clean and do not require regular painting or varnishing.	1) Exposed to termites, fungi, and other pests 2) Require regular painting or varnishing.
• **Heat Insulation**	PVC doors have excellent insulation properties leading to energy savings	Lower insulation properties
• **Cost-effectiveness**	Zero maintenance cost	High maintenance costs
• **Sustainability**	Recyclable, energy-efficient, and often produced with sustainable practices	Cutting trees harms the environment, not sustainable and difficult to recycle

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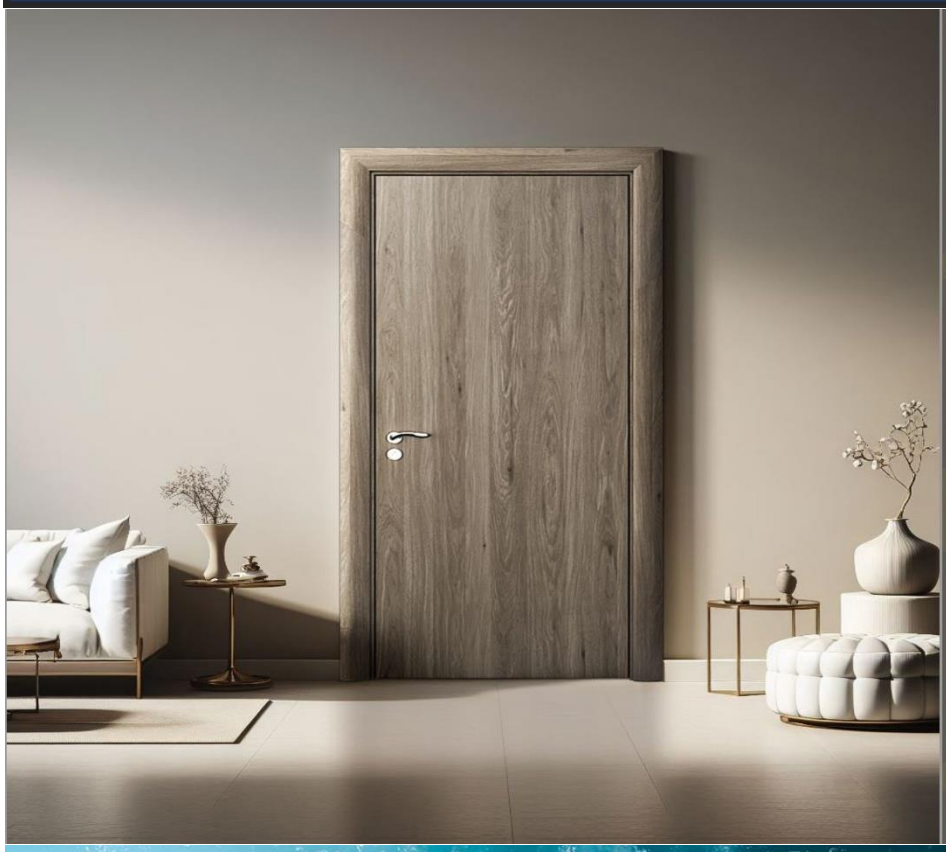

ADVANTAGES
OF PVC DOORS

100%

Water And Moisture Resistance

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Environment Friendly Product
100% Recyclable

Fire retardant

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L.L.C.SP ذ.م.م.ش.ش.و

Scratch Resistant

ADDITIONAL FEATURES

- Total termite resistant
- Non toxic & non pollutant
- Best use for medical infrastructure
- No expansion and contraction
- High screw holding capacity
- Compressive strength
- Surface hardness

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PVC

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TEST REPORT ON WATER ABSORPTION

Client	Picasso Wood Industry LLC Umm Al Quwain, UAE		
Product Name	PVC Frame	Lab Report No.	WD-R-240208-0733/1
Source	Picasso Wood Industry LLC	Sample No.	WD-S-240208-0715
Test Method	EN 15534-4:2014	Request No	WD-Q-240208-0190
Test Temperature	23°C	Date Received	08/02/2024
Relative Humidity	50%	Date Tested	13/02/2024
Wimpey Ref No	24020827	Date Reported	14/02/2024
Duration of Test	24 Hours	Tested By	SU

Test Results

Test	Unit	Result
Water absorption	%	0.060
		0.040
		0.050
	Average	**0.050**

Remarks: None.

مختبرات ويمبي ش.ذ.م.م.
WIMPEY LABORATORIES L.L.C.

TEST REPORT ON THICKNESS SWELLING

Client	Picasso Wood Industry LLC Umm Al Quwain, UAE		
Product Name	PVC Frame	Lab Report No.	WD-R-240208-0733/2
Source	Picasso Wood Industry LLC	Sample No.	WD-S-240208-0715
Test Method	EN 15534-4:2014	Request No	WD-Q-240208-0190
Test Temperature	23°C	Date Received	08/02/2024
Relative Humidity	50%	Date Tested	13/02/2024
Wimpey Ref No	24020827	Date Reported	14/02/2024
Duration of Test	24 Hours	Tested By	SU

Test Results

Test	Unit	Result
Thickness Swelling	%	1.41
		1.33
		1.29
	Average	**1.34**

Remarks: None.

مختبرات ويمبي ش.ذ.م.م.
WIMPEY LABORATORIES L.L.C.

TEST REPORT ON NAIL WITHDRAWAL

Client	Picasso Wood Industry LLC Umm Al Quwain, UAE		
Product Name	PVC Frame	Lab Report No.	WD-R-240208-0733/3
Source	Picasso Wood Industry LLC	Sample No.	WD-S-240208-0715
Test Method	ASTM D1037-12(2020)	Request No	WD-Q-240208-0190
Test Temperature	23°C	Date Received	08/02/2024
Relative Humidity	50%	Date Tested	13/02/2024
Wimpey Ref No	24020827	Date Reported	14/02/2024
Nail Used	6.75mm head diameter	Rate of Speed	1.5mm/min
Tested By	SU		

Test Results

Test	Test Location	Unit	Result
Nail Withdrawal	Face	N	477
			488
			482
			461
			479

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TEST REPORT ON FLEXURAL STRENGTH

Client	Picasso Wood Industry LLC Umm Al Quwain, UAE		
Product Name	PVC Frame	Lab Report No.	WD-R-240208-0733/4
Source	Picasso Wood Industry LLC	Sample No.	WD-S-240208-0715
Test Reference	EN 15534-4:2014	Request No	WD-Q-240208-0190
Test Method	EN 15534-1:2014	Wimpey Ref No	24020827
Test Temperature	23°C	Date Received	08/02/2024
Relative Humidity	50%	Date Tested	13/02/2024
Tested By	SU	Date Reported	14/02/2024

Test Results

Specimen No.	Width (mm)	Thickness (mm)	Span (mm)	Max Load at Failure (N)	Flexural Strength (N/mm²)
1	10.0	2.81	45.0	82.6	70.6
2	10.0	2.83	45.0	84.1	70.9
3	10.0	2.85	45.0	78.1	64.9
4	10.0	2.83	45.0	86.3	72.7
5	10.0	2.82	45.0	84.4	71.6
				Average Flexural Strength (N/mm²)	70.1

Remarks: None.

RESULTS

Test Environmental Conditions

Temperature (°C) : 24.2
Relative Humidity (%) : 56

Specimens Conditioning: (Table-1)

Clause	Description	Std. Requirement	Result
6.1	Temperature, Relative humidity & Duration	23 ±2°C, 50±10% & 48 Hours	P
6.2	Air- circulating oven preconditioning Temperature & Duration	70 ±2°C & 168 ±2 Hours	P
	Cooled duration at room temperature, prior to testing	4 Hours	P
6.3	After removed from the pre-conditioning environment specimens shall be tested	<30 minutes	P
6.4	All specimens are to be tested in a laboratory atmosphere condition	Temp. : 15 – 35°C & relative humidity : ≤ 75%	P
6.5	Cotton shall be conditioned duration in the desiccator prior to use	24 Hours	P
6.6	After removed from the desiccator the cotton shall be used time	<30 minutes	P

Clause	Requirement - Test	Result - Remark	Verdict
7	**Horizontal Burning Test; HB**		
7.1	Test criteria		-
7.1.1	A material shall be classified HB when tested as described in 7.2.1 – 7.5.10.		P
7.1.2	A material classed HB shall		
	a) Not have a burning rate exceeding 40 mm per minute over a 75 mm span for specimens having a thickness of 3.0 to 13 mm, or		N/A
	b) Not have a burning rate exceeding 75 mm per minute over a 75 mm span for specimens having a thickness less than 3.0 mm, or		P
	c) Cease to burn before the 100 mm reference mark		N/A
7.1.3	A material classified HB in the 3.0 +0.2 mm thickness shall automatically be classed HB down to a 1.5 mm minimum thickness without additional testing.	material thickness of the product not < 1.50mm	P
7.1.3A	A material not exceeding the 75 mm/min burning rate or if the burning cannot be determined when tested at any thickness less than 3.0 mm is to be classed HB at the thickness tested (the minimum thickness) and up to a maximum of 2.99 mm without testing additional specimens within this range.	burning rate is <75mm/min.	P

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TEST REPORT ON DENSITY

Client	Picasso Wood Industry LLC Umm Al Quwain, UAE		
Product Name	PVC Frame	Lab Report No.	WD-R-240208-0733/5
Source	Picasso Wood Industry LLC	Sample No.	WD-S-240208-0715
Test Method	ASTM D1037-12(2020)	Request No	WD-Q-240208-0190
Test Temperature	23°C	Date Received	08/02/2024
Relative Humidity	50%	Date Tested	13/02/2024
Wimpey Ref No	24020827	Date Reported	14/02/2024
Tested By	SU		

Test Results

Test	Unit	Result
Density	Kg/m³	1765

Remarks: None.

7.1.4	If only one specimen from a set of three specimens does not comply with the requirements, another set of three specimens is to be tested. All specimens from this second set shall comply with the requirements in order for the material in that thickness to be classified HB.	1st set three specimens comply with requirements	N/A
7.2	Test apparatus	comply with standard requirement	P
7.3	Test specimen	3	P
7.3.1	Specimen surface condition		P
7.3.1	Specimen Dimension		-
	Length & Wide (width)	125.00 & 13.00 mm	P
	Thickness	2.74 mm	P
	No. of specimens	3 No's	P
	Burner transverse axis incline	45°	P
	Nominal test flame (as per ASTM D 5207)	50W	P
	Gas flow rate	105 ±5 ml/min	P
	Applied duration for test flame	30 ±1 seconds	P
	Conditioning	see - Table-01	P

Test Results

Sample No.	Did Flame Reached 25 mm mark less than 30 seconds (Yes/No)	If 'Yes' duration of the flame (seconds)	If continues to burn after removal of the test flame: Duration of the test flame between 25 to 100mm mark (seconds) (t)	If continues to burn after removal of the test flame: Damaged length (mm) (L)	Linear burning rate (V)	Result
1	No	-	0 (Not exceeded 25mm mark)	0	0.0 (HB Rated)	P
2	No	-				
3	No	-				

Calculations : Linear burning rate V = (60L/t) mm/min.
V is the linearburning rate in mm/minute
L - damaged length, in millimeters
t - time, in seconds

8	**50W (20 mm) Vertical Burning Test; V-0, V-1, or V-2**	**Result - Remark**	**Verdict**
8.1	Test Criteria		
8.1.1	Materials shall be classified V-0, V-1, or V-2 on the basis of results obtained on small bar specimens	See - Table-02	P
8.1.2	Some materials, due to their thinness distort and/or shrink and/or are consumed up to the holding clamp when subjected to this test		

	Exception No. 1: Test specimens with a thickness less than 0.025 mm may be subjected to the 20 mm Vertical Burning Test; V-0, V-1, or V-2 if the specimens cannot be properly formed for the Thin Material Burning Test; VTM-0, VTM-1, or VTM-2		N/A
	Exception No. 2: A test specimen with a thickness less than or equal to 0.25 mm, but greater than or equal to 0.025 mm that is capable of meeting the physical property requirements of both the 20-mm Vertical Burning Test and the Thin Material Burning Test; VTM-0, VTM-1, or VTM-2 test (Section 11) shall be evaluated bythe test of choice.		N/A
8.1.3	Materials with a density less than 250 kg/m 3 may optionally be tested in accordance with the Horizontal Burning Foamed Materials Test; HBF, HF-1, or HF-2		N/A
8.1.4	specifies the material classifications	See - Table-02	P
8.1.5	If only one specimen from a set of five specimens does not comply with the requirements, another set of five specimens is to be tested. In the case of the total number of seconds of flaming, an additional set of five specimens is to be tested if the totals are in the range of 51– 55 seconds for V-0 and 251 – 255 seconds for V-1 and V-2.		N/A
	All specimens from this second set shall comply with the appropriate requirements in order for the material in that thickness to be classified V-0, V-1, or V-2.		N/A
8.2	Test apparatus	Comply with standard requirement	P
8.3	Test specimen		P
8.3.1	Specimen surface condition		P
8.3.2	Specimen Dimension		
	Length & Wide (width)	125.00 mm & 13.00 mm	P
	Thickness	2.74 mm	P
	No. of specimens	5 No's	P
	Burner transverse axis incline	45 ±5°	P
	Nominal test flame (as per ASTM D 5207)	50W	P
	Gas flow rate	105 ±5 ml/min	P
	Applied duration for test flame	10 ±0.5 seconds	P
	Conditioning	See - Table-01	P

Table-02 Test Results

Sample No.	t1 (Sec.)	t2 (Sec.)	t3 (Sec.)	(t2+t3) (Sec.)	Whether or not specimens			Result
					Burn up to the holding clamp (Yes/No)	Drip flaming particles (Yes/No)	Particles ignited the cotton indicator (Yes/No)	
	Set 1							
1	3	4	3	7	No	No	No	P
2	2	3	2	5	No	No	No	P
3	4	2	4	6	No	No	No	P
4	2	4	2	6	No	No	No	P
5	2	4	3	7	No	No	No	P

t1 - Afterflame time after first flame application
t2 - Afterflame time after second flame application
t3 - Afterglow time

	Material shall be classified V-0, V-1, or V-2 on the basis of results	V-0	P
13	**Marking**		
13.1	Material containers shall be marked with the following:		-
	a) The manufacturer's or private labeler's name or identifying symbol.	Not Given	-
	b) A distinctive material designation.	-	N/A
13.2	If a manufacturer produces the material at more than one factory, each material container shall have a distinctive marking to identify it as the product of a particular factory.		N/A
	Points to be included if any;	-	N/A

Remarks : Material classified as V-0.

Signed for and on behalf of Wimpey Laboratories L.L.C

Visakh S Nair
Laboratory Manager

Test results relate only to the samples tested.
This report shall not be reproduced except in full, without the written approval of the Laboratory.
End

GOVERNMENT OF DUBAI — Dubai Municipality

DUBAI CENTRAL LABORATORY DEPARTMENT
DCLD-CQPS PRODUCT CONFORMITY CERTIFICATION SCHEME

SCOPE OF CERTIFICATION
FOR CERTIFICATE NO. CL17020463

Applicable Standard Specification: ASTM C 578: 2018 – Standard Specification for Cellular Rigid Polystyrene Thermal Insulation.

Applicable Specific Rules: DM-DCLD-RD-DP21-2106 (IC) - Certification of Rigid Cellular Polystyrene Thermal Insulation as per ASTM C 578: 2018

S/N	Product Description	Brand Name	Product Details
1.	Rigid Cellular Extruded Polystyrene Thermal Insulation Board CFC Free *(See Note 3)*	ROOFMASTER XPS	Size: 1250 x 600 mm Thickness: 25 - 100 mm ASTM Type VI *(as per Table 1)*
2.	Rigid Cellular Extruded Polystyrene Thermal Insulation Board CFC Free *(See Note 3)*	ROOFMASTER XPS	Size: 1250 x 600 mm Thickness: 25 - 100 mm ASTM Type VII *(as per Table 1)*

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DCLD-CQPS PRODUCT CONFORMITY CERTIFICATION SCHEME

SCOPE OF CERTIFICATION
FOR CERTIFICATE NO. CL17020463

3.	Rigid Cellular Expanded Polystyrene Thermal Insulation Sheet (Grey Color) CFC Free *(See Note 3)*	LAMBDAPOR GREY	Various Sizes Thickness: 100 mm maximum ASTM Type XI *(as per Table 2)*
4.	Rigid Cellular Expanded Polystyrene Thermal Insulation Sheet (White Color) CFC Free *(See Note 3)*	EPS WHITE	Various Sizes Thickness: 100 mm maximum ASTM Type XI *(as per Table 2)*
5.	Rigid Cellular Expanded Polystyrene Thermal Insulation Sheet (Grey Color) CFC Free *(See Note 3)*	LAMBDAPOR GREY	Various Sizes Thickness: 100 mm maximum ASTM Type VIII *(as per Table 2)*
6.	Rigid Cellular Expanded Polystyrene Thermal Insulation Sheet (White Color) CFC Free *(See Note 3)*	EPS WHITE	Various Sizes Thickness: 100 mm maximum ASTM Type VIII *(as per Table 2)*

Picasso Wood Industry LLC, P.O.BOX 283368
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TABLE 2 (EXPANDED)
PHYSICAL PROPERTY REQUIREMENTS OF RIGID CELLULAR POLYSTYRENE THERMAL INSULATION

SN	PROPERTIES	TYPE XI	TYPE I	TYPE VIII	TYPE II	TYPE IX	TYPE XIV	TYPE XV
1	**COMPRESSIVE RESISTANCE** @ yield or 10% deformation, which occurs first, min kPa	35	69	90	104	173	276	414
2	**THERMAL RESISTANCE** of 25.4 mm thickness, @ mean temperature of @ 35°C and 60% RH min, °K-m²/W	0.53	0.60	0.64	0.67	0.71	0.71	0.73
3	**THERMAL CONDUCTIVITY,** max, W/m·°K @ 35°C and 60% RH	0.0482	0.0419	0.0394	0.0377	0.0356	0.0356	0.0347
4	**FLEXURAL STRENGTH,** min, kPa	70	173	208	240	345	414	517
5	**WATER VAPOR PERMEANCE** of 25.4 mm thickness, max, perm	5.0	5.0	3.5	3.5	2.5	2.5	2.5
6	**WATER ABSORPTION** by total immersion, max volume %	4.0	4.0	3.0	3.0	2.0	2.0	2.0
7	**DIMENSIONAL STABILITY** (change in dimension), max, %	2.0	2.0	2.0	2.0	2.0	2.0	2.0
8	**OXYGEN INDEX,** min, volume %	24	24	24	24	24	24	24
9	**DENSITY,** min, kg/m³	12	15	18	22	29	38	48

NOTE: The above specification values are extracted from Table 1 of ASTM C578: 2018

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DCLD-CQPS PRODUCT CONFORMITY CERTIFICATION SCHEME

SCOPE OF CERTIFICATION
FOR CERTIFICATE NO. CL17020463

NOTE1: This document forms an integral part of the Certificate of Product Conformity bearing the same certificate number.
NOTE2: The above product shall bear the DCLD Conformity Mark.
NOTE 3: CFC Free as per declaration from the company, in accordance with the 2023 Al Sa'fat Dubai Green Building System – 2nd Edition.

Original Issue Date: 01 June 2017
Current Issue Date: 01 June 2023
Valid Until: 31 May 2024

ARIF HUSAIN AL MARZOOQI
MANAGER
CERTIFICATION AND QUALITY CONTROL OF PRODUCTS SECTION

Picasso Wood Industry LLC, P.O.BOX 283368
UMM Al Quwain UAE

Picasso WOOD INDUSTRY

GOVERNMENT OF DUBAI — Dubai Municipality

DUBAI CENTRAL LABORATORY DEPARTMENT
DCLD-CQPS PRODUCT CONFORMITY CERTIFICATION SCHEME

SCOPE OF CERTIFICATION
FOR CERTIFICATE NO. CL17020463

7.	Rigid Cellular Expanded Polystyrene Thermal Insulation Sheet (White Color) CFC Free *(See Note 3)*	EPS WHITE	Various Sizes Thickness: 100 mm maximum ASTM Type IX *(as per Table 2)*
8.	Rigid Cellular Expanded Polystyrene Thermal Insulation Sheet (White Color) CFC Free *(See Note 3)*	EPS WHITE	Various Sizes Thickness: 100 mm maximum ASTM Type XIV *(as per Table 2)*

Picasso WOOD INDUSTRY

GOVERNMENT OF DUBAI — Dubai Municipality

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DCLD-CQPS PRODUCT CONFORMITY CERTIFICATION SCHEME

SCOPE OF CERTIFICATION
FOR CERTIFICATE NO. CL17020463

TABLE 1 (EXTRUDED)
PHYSICAL PROPERTY REQUIREMENTS OF RIGID CELLULAR POLYSTYRENE THERMAL INSULATION

SN	PROPERTIES	TYPE XII	TYPE X	TYPE XIII	TYPE IV	TYPE VI	TYPE VII	TYPE V
1	**COMPRESSIVE RESISTANCE** @ yield or 10% deformation, which occurs first, min kPa	104	104	138	173	276	414	690
2	**THERMAL RESISTANCE** of 25.4 mm thickness, @ mean temperature of 35°C and 60% RH min, K-m²/W	0.77	0.84	0.65	0.84	0.84	0.84	0.84
3	**THERMAL CONDUCTIVITY,** max, W/m·°K @ 35°C and 60% RH	0.0330	0.0303	0.0392	0.0303	0.0303	0.0303	0.0303
4	**FLEXURAL STRENGTH,** min, kPa	276	276	310	345	414	517	690
5	**WATER VAPOR PERMEANCE** of 25.4 mm thickness, max, perm	1.5	1.5	1.5	1.5	1.1	1.1	1.1
6	**WATER ABSORPTION** by total immersion, max volume %	0.30	0.30	1.0	0.30	0.30	0.30	0.30
7	**DIMENSIONAL STABILITY** (change in dimension), max, %	2.0	2.0	2.0	2.0	2.0	2.0	2.0
8	**OXYGEN INDEX,** min, volume %	24	24	24	24	24	24	24
9	**DENSITY,** min, kg/m³	19	21	26	23	29	35	48

NOTE: The above specification values are extracted from Table 1 of ASTM C578: 2018