





الواح الاهارات للصناعات ش ذ م م
EMIRATES PANEL MANUFACTURE L.L.C



COREBOND
Aluminum Composite Panel

IN BUILDING FACADES MADE WITH
COREBOND PANELS, FIRE OUTBREAK
CAN BE **EXTREMELY SLOWED DOWN.**

FR
B-s1, d0



COREBOND
Aluminum Composite Panel

MOVING FASTER THAN YOU THINK!!!
HERE IS THE ULTIMATE

A2
A2-s1, d0

RESERVED
PARKING
505 / 76688



Introduction

Emirates Panel Manufacture LLC (hereafter referred to as EPM) is a long standing and respected manufacturer, specializing in various grades of Aluminium Composite Panels, Polycarbonate Solid Sheets and Sun Sheets, certified with ISO 9001 :2015 certification for complying with the International Quality Standards and performing Quality Management System, designed to ensure that all products and services provided by EPM comply, as a minimum, with the specifications of our clients.

Having had a prominent presence in the UAE since the company's establishment back in 2017, our commitment to continued innovation, high quality standards and excellence in service has resulted in long term, mutually beneficial relationships with our ever-growing database of customers and suppliers alike.

With an industrial presence in countries spanning across the Middle East, Europe, Asia and Africa, EPM has a balanced geographic diversity within all the key composite and polycarbonate markets, both in developing and developed countries.

Through this association, EPM has an access to world-class research and development, best practice processes, aggressive procurement contracts and international market leverage to ensure the company remains at the cutting edge of the international composite and polycarbonate industries.





Success

Solution

Business Strategy

Innovation
Branding
Solution
Marketing
Analysis
Ideas
Success
Management

Vision:

To add value to all our stakeholders through our market leadership position in the UAE by manufacturing quality material products safely, being an employer and supplier of choice, while striving to be among one of the lowest-cost composite and polycarbonate manufacturers in the world.

Mission:

EPM will build on this vision as being an industry leader in quality, safety, ethics and education by:

- Creating long-term relationships with our customers by consistently exceeding their expectations
- Educating our workforce enabling them to complete their work tasks in the highest quality manner utilizing proven state-of-the-art technology
- Being a fair employer as well as a career and skills developer
- Producing innovative high-quality materials for our customers on time
- Strategically expanding our operations while realizing long-term profitability



Emirates Panel Produces and Provide

- Aluminium Composite Panel
- Coated Coil



Aluminum Composite Panels

Cladding

NON FR

FR B1

FR A2



Kitchen Cabinet



Signage



Coated Coil

Coated Coil ACP

ULTRANAR Coil Coating System

ULTRAFLON Coil Coating System

ULTRAREFLECT Coil Coating System

ULTRAGLITZ Coil Coating System

ULTRAGUARD Coil Coating System

ULTRAPRIM Coil Coating Primer System

ULTRABACK Coil Coating Backer System

Coated Coil - Roofing

ULTRASHELL Coil Coating System



Color Chart



EPM METALLIC & SOLD
SERIES

EPM METALLIC & SOLD
SERIES



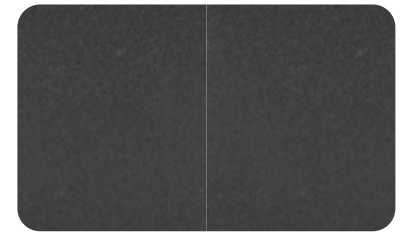
Gold Metallic 9912



Blue Metallic 9950



Silver Metallic 9906



Grey Metallic 9938



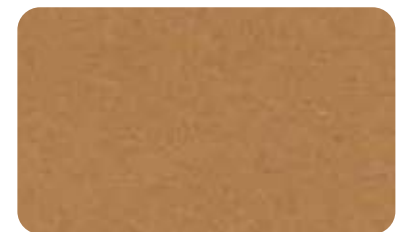
Dark Grey Metallic 9930



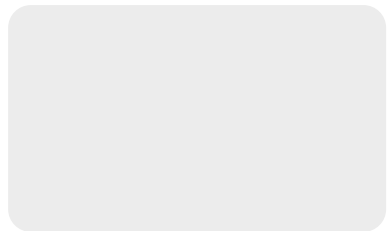
Jade Metallic 9950



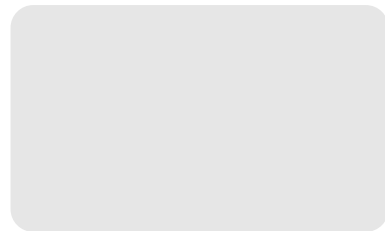
Sparkling Grey Metallic 18133



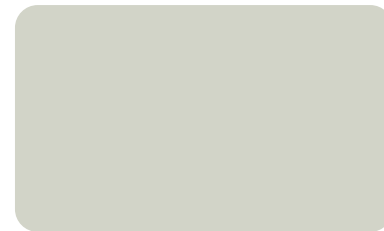
Copper Metallic 9911



Pure White 9901



Cream 9904



Ivory 9907



Beige 9965



Bright Silver 9905



Yellow Champagne 9903



Gold 9947



Light Coffee 9933

EPM METALLIC & SOLID
SERIES



HG Violet 9922G



HG Pink 9956G



HG Green 9961G



Rat Grey 9914



Basalt Grey 9821



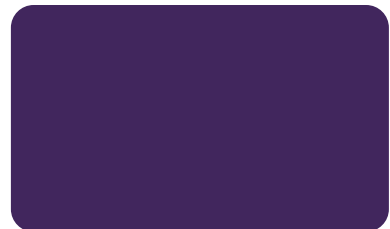
Lime Green 9961



Water Blue 9908



Sky Blue 9957



Violet 9922



Bright Yellow 9920



Deep Orange 9925



Pure Orange 9923



Grass Green 9959



Emirates Green 9921



Dark Green 9924



Traffic Red 9946

EPM METALLIC & GOLD
SERIES



Orient Red 9926



Red Violet 9956



Wine Red 9953



Coffee Brown 9954



Lake Blue 9917



Sea Blue 9916



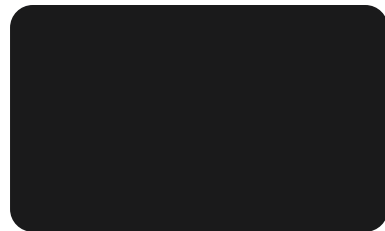
Pure Blue 9919



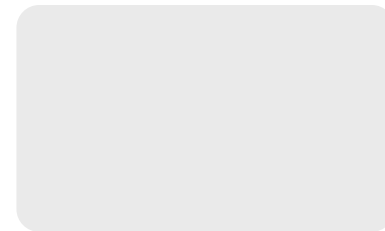
Dark Blue 9928



Dark Coffee 9927



Jet Black 9952



HG White 9901G



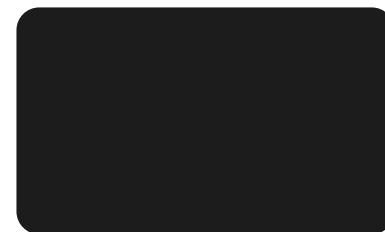
HG Yellow 9920G



HG Orange 9923G



HG Red 9926G



HG Black 9952G



HG Blue 9928G



EPM SPECIAL COLOR
SERIES



Gold Mirror

9986



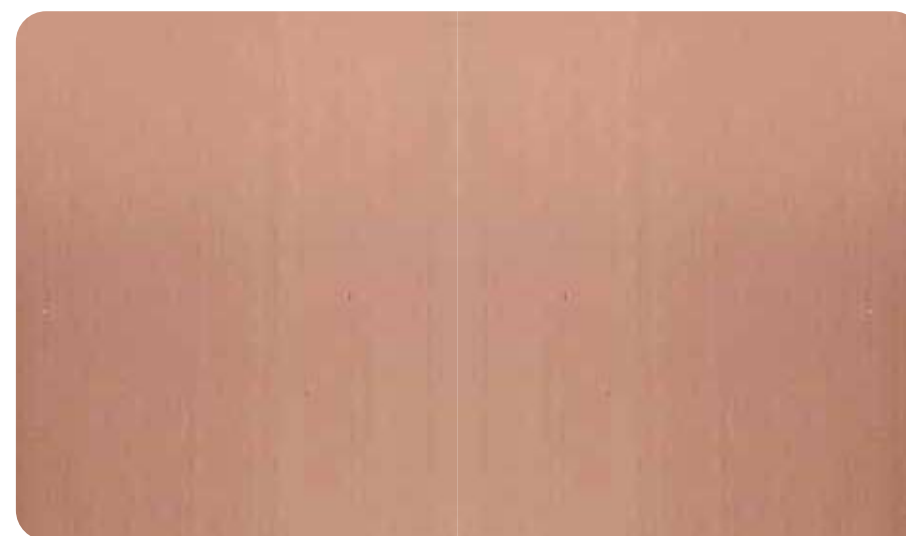
Silver Mirror

9985



Blue Mirror

9968



Rose Gold Brush

9996

EPM SPECIAL COLOR
SERIES



Silver Brush

9931



Gold Brush

9923



Grey Brush

10013



Blue Brush

9992

EPM SPECIAL COLOR
SERIES



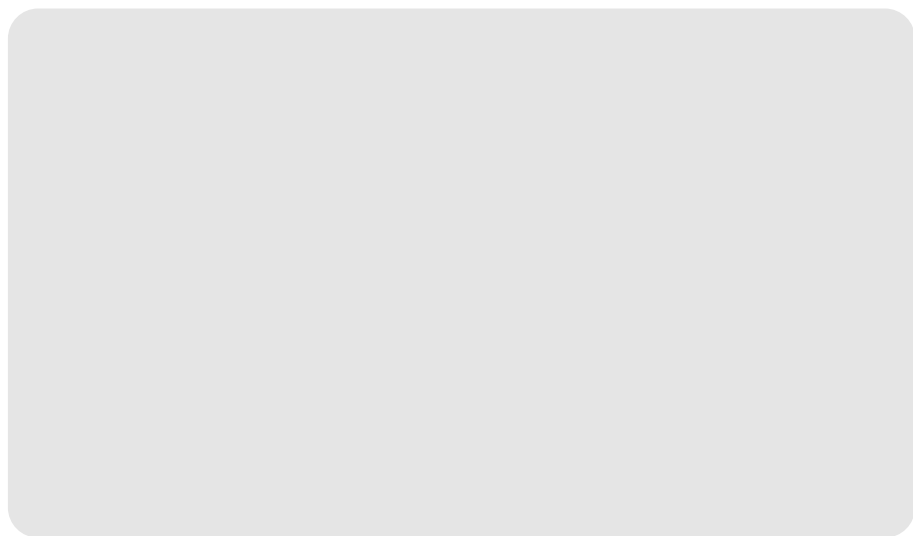
Black Brush

9991



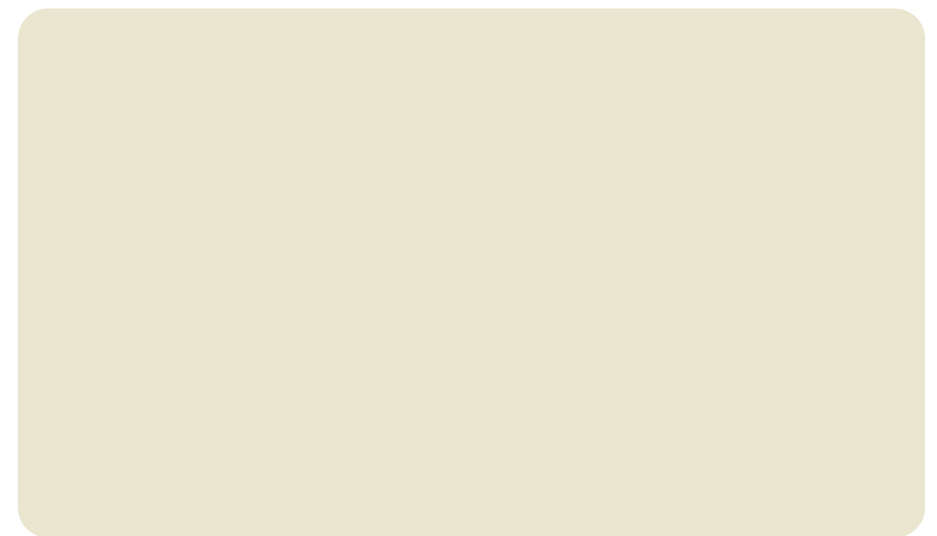
Pearl Black

98004



Pearl White

98001



Apricot White

1536



EPM WOODEN FINISH
SERIES

EPM WOODEN FINISH
SERIES



Cherry Wood

M1205



Maple Wood

M135



Red Oak

M180



Iron Wood

1223



Matt Walnut

1814



Teak Wood

1815



Peach Wood

1235



Black Teak

1815-1

EPM WOODEN FINISH
SERIES



Antique Ash

96023A



Ancient Oak

96022A



Antique Pine

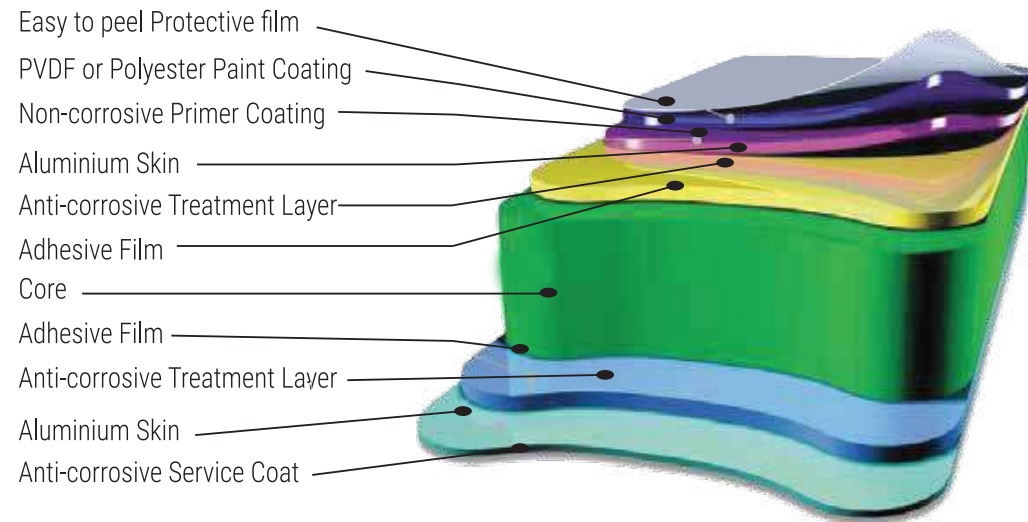
96024A



Acacia Wood

96026A

STRUCTURAL COMPOSITION



BENEFITS & FEATURES

Greater Impact Resistance

The core comprises a viscoelastic high molecular resin material preventing cracking or breaking, yet comes with exceptional high stiffness and impact resistance properties.

Weather Durability

Panels are coated with Fluorocarbon (PVDF) resin that is able to withstand extreme weather conditions and minimizes the possibility of acid alkali and salt-spray corrosion. Unaffected by radical changes in temperature and long term exposure of ultraviolet rays, providing up to 25 years without signs of colour fading.

Easy to maintain and clean

Having resilient coating properties, the panels perform well in extreme atmospheric conditions - polluted or not. It is however imperative panels are maintained in strict accordance with EPM's O&M cleaning guidelines and only neutral cleansers are applied to the surface.

Insulating and Sound Proofing

ACP maximizes the effect of insulation and sound proofing as the composition of the panel does not allow heat or sound to penetrate through the material due to its core, unlike steel, solid aluminium, tiles and other similar materials.

Smooth coating and Various color

One of the most unique physical properties of ACP is that it is flat, smooth and has an even surface. Creating a building's aesthetic look and feel is achieved from EPM's various and distinctive colour range that can be customized to suit requirements.

Economical and Ease of Installation

EPM panels is an alternative cladding system offering respectable acoustic and U-value features at reduced costs compared to other facade solutions. Replacement costs are also more competitive considering the systems design.

MECHANICAL & MANUAL PROCESSING



SPECIFICATION

Width	1000mm, 1250mm, 1500mm, and up to 1590mm
Available Panel Thickness	3mm, 4mm, 5mm, 6mm
Available Skin Thickness	0.5mm, 0.4mm, 0.3mm
Available Length	2440mm, 3200mm, 3600mm, and upto 6000mm
Weight	3mm=4.5kg/m ² : 4mm=5.5kg/m ² : 6mm=7.3kg/m ² (Polyethylene Core) 3mm=5.8kg/m ² : 4mm=7.6kg/m ² : 6mm=10kg/m ² (Modified Mineral Core)
Coating	Kynar 500 FSF PVDF Metallic and Solid & Polyester Matte and High Gloss
Exterior Face of Bottom Skin	PE
Core	Polyethylene, Type LDPE
Fire Retardant Core	Modified Mineral & Linear Low Density Polyethylene
Colours	Standard RAL Colours or Custom Colours
Special Colours	As per Request
Customized Requirement	Available

TECHNICAL SPECIFICATIONS

Physical Properties		Mechanical Properties	
Test Item	Test Value	Test Item	Test Value
Coating Thickness	>25µm	Impact Resistance	50 kg/cm. no cracking
Pencil Hardness	3H	Bending Strength	>121Mpa
Gloss Tolerance	35.3	Shearing Strength	32Mpa
Adhesive Strength	Grade 1	Peel Strength	1.1kg/mm
Boiling Water Resistance	2 Hrs, no change	Tensile Strength	49Mpa / N/mm ²
Abrasion Resistance	5.33L/µm	Flexural Modulus of Elasticity	3.12 x 104Mpa
Thermal Expansion	23.1 x 10 ⁻⁶ /°C	Chemical Properties	
Thermal Conductivity	0.030w/m.k	Test Item	Test Value
Heat Deflection Temperature	99.4°C	Acid Resistance	No change
Thermal Deformation Temperature	≥90°C	Alkaline Resistance	No change
Acoustic Insulation	27dB	Oil Resistance	No change
		Solvent Resistance	No change
		Resistance to Salt Spray	Grade 1
		Fire Retardant Grades	B1 & A2

Standards:
 USA: ASTM D903-98:2010, ASTM E84-15b, ASTM E119-16a, NFPA 285, ASTM D1929
 Europe : EN 13501-1

CERTIFICATE

ZERTIFIKAT • CERTIFICATE • СЕРТИФИКАТ • CERTIFICADO • CERTIFICAT



CERTIFICATE

This is to Certify that the Environment Management System of

EMIRATES PANEL MANUFACTURE LLC.
P.O.Box.No. 3998,
New Industrial Area 1, Umm AL Quwain, UAE.

Has been independently assessed and is compliant with the requirements of

ISO 14001 : 2015

(Environmental Management Systems)

This Certificate is applicable to the following product or services ranges:

Aluminium Composite Panel Manufacturing, Aluminium Coil Coating and Fire Resistance Material Manufacturing.

CERTIFICATE NO: AE 100000228/02/E

Date of this Certificate 11 MAR 2022 Date of Initial Registration 10 MAR 2019
Date of Certificate Expiry 10 MAR 2023 Re-certification Due 10 MAR 2025

This Certificate is property of GRS Certification and remains valid Subject to satisfactory surveillance audits.


Director




GATE WAY REGISTRAR CERTIFICATIONS
Visit: www.gscert.com
Accredited by International Services For Certification bodies (EUROPE) UK LTD
6 Ferris Place Bournemouth, Dorset, BH9 0AL, United Kingdom

This is an accredited certificate authorized for issue by Accreditation Service for Certifying Bodies (Europe) Limited who have assessed GRS as a Certifying Body for Compliance with ISO 17021: 2015 'Conformity Assessment' - Requirements for bodies providing audit and certification of management systems. This certificate is only valid when confirmed by the register listed in the International Register of Quality Assessed Organizations. www.iso.org

ZERTIFIKAT • CERTIFICATE • СЕРТИФИКАТ • CERTIFICADO • CERTIFICAT



CERTIFICATE

This is to Certify that the Occupational Health & Safety Management System of

EMIRATES PANEL MANUFACTURE LLC.
P.O.Box.No. 3998,
New Industrial Area 1, Umm AL Quwain, UAE.

Has been independently assessed and is compliant with the requirements of

ISO 45001 : 2018

(Occupational Health & Safety Management Systems)

This Certificate is applicable to the following product or services ranges:

Aluminium Composite Panel Manufacturing, Aluminium Coil Coating and Fire Resistance Material Manufacturing.

CERTIFICATE NO: AE 100000228/03/H

Date of this Certificate 11 MAR 2022 Date of Initial Registration 10 MAR 2019
Date of Certificate Expiry 10 MAR 2023 Re-certification Due 10 MAR 2025

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Director




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P.O.Box.No. 3998,
New Industrial Area 1, Umm AL Quwain, UAE.

Has been independently assessed and is compliant with the requirements of

ISO 9001:2015

(Quality Management Systems)

This Certificate is applicable to the following product or services ranges:

Aluminium Composite Panel Manufacturing, Aluminium Coil Coating and Fire Resistance Material Manufacturing.

CERTIFICATE NO: AE 100000228/01/Q

Date of this Certificate 11 MAR 2022 Date of Initial Registration 10 MAR 2019
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CERTIFICATE

This is to Certify that the Quality Management System of

EMIRATES PANEL MANUFACTURE LLC.
P.O.Box.No. 3998,
New Industrial Area 1, Umm AL Quwain, UAE.

Has been independently assessed and is compliant with the requirements of

ISO 17065

Certification is Hereby Granted

to

Emirates Panel Manufacture L.L.C
Sector 10, Block 11, New Industrial Area 1,
P.O. Box, 3998, Umm AL Quwain, United Arab Emirates

for

"Emirates Panel-FR"
4 mm thick Aluminium Composite Material
(ASTM D1629-16, ASTM B84-18 and BS EN 13955-1:2007+A1:2009)

which, subject to limitations described on the following pages and continued listing on www.tbwari.com, complies with Product Certification Scheme 3003 Exterior Wall Assemblies, Curtain Walls, Building Materials, Products & Assemblies

In witness whereof, this Certificate is issued this 14th day of February 2023.


Sandy Dweik
Chief Executive Officer


Nicholas Purcell
Director of Certification

Certificate Number: TW0000064
Initial registration: February 14, 2023 Issued: February 14, 2023 Expiration: February 13, 2026
File Name: WAF07_007_300306_InitialEmiratesPanel_FR_Initial_19

This is an accredited certificate authorized for issue by Accreditation Service for Certifying Bodies (Europe) Limited who have assessed GRS as a Certifying Body for Compliance with ISO 17021: 2015 'Conformity Assessment' - Requirements for bodies providing audit and certification of management systems. This certificate is only valid when confirmed by the register listed in the International Register of Quality Assessed Organizations. www.iso.org



CERTIFICATE

This is to Certify that the Quality Management System of

Emirates Panel Manufacture L.L.C
Sector 10, Block 11, New Industrial Area 1,
P.O. Box, 3998, Umm AL Quwain, United Arab Emirates

for

"COREBOND-FR"
4 mm thick Aluminium Composite Material
Exterior Wall Cladding System
That complies with EN 13955-1:2007+A1:2009
(System Designation: AS24K4-4)

which, subject to limitations described on the following pages and continued listing on www.tbwari.com, complies with Product Certification Scheme 3003 Exterior Wall Assemblies, Curtain Walls, Building Materials, Products & Assemblies

In witness whereof, this Certificate is issued this 14th day of February 2023.


Sandy Dweik
Chief Executive Officer


Nicholas Purcell
Director of Certification

Certificate Number: TW0000067
Initial registration: February 14, 2023 Issued: February 14, 2023 Expiration: February 13, 2026
File Name: WAF07_007_300306_InitialEmiratesPanel_FR_Initial_19

This is an accredited certificate authorized for issue by Accreditation Service for Certifying Bodies (Europe) Limited who have assessed GRS as a Certifying Body for Compliance with ISO 17021: 2015 'Conformity Assessment' - Requirements for bodies providing audit and certification of management systems. This certificate is only valid when confirmed by the register listed in the International Register of Quality Assessed Organizations. www.iso.org



CERTIFICATE

This is to Certify that the Quality Management System of

Emirates Panel Manufacture L.L.C
Sector 10, Block 11, New Industrial Area 1, P.O. Box, 3998,
Umm AL Quwain, United Arab Emirates

for

"Emirates Panel - A2"
4 mm thick Aluminium Composite Material
(ASTM D1629-16 and BS EN 13955-1:2007+A1:2009)

which, subject to limitations described on the following pages and continued listing on www.tbwari.com, complies with Product Certification Scheme 3003 Exterior Wall Assemblies, Cladding, Curtain Walls, Building Materials, Products and Assembly

In witness whereof, this Certificate is issued this 17th day of May 2023.


Sandy Dweik
Chief Executive Officer


Nicholas Purcell
Director of Certification

Certificate Number: TW0000112
Initial registration: May 05, 2023 Issued: May 05, 2023 Expiration: May 04, 2026
File Name: WAF07_007_300306_A2_18

This is an accredited certificate authorized for issue by Accreditation Service for Certifying Bodies (Europe) Limited who have assessed GRS as a Certifying Body for Compliance with ISO 17021: 2015 'Conformity Assessment' - Requirements for bodies providing audit and certification of management systems. This certificate is only valid when confirmed by the register listed in the International Register of Quality Assessed Organizations. www.iso.org

United Arab Emirates

Ministry of Interior

General Directorate of Civil Defense

Department of Civil Defense - Umm Al Quwain



بـوـلـة الامارات العربية المتحدة

وزارة الداخلية

القيادة العامة للدفاع المدني

إدارة الدفاع المدني - أم القيوين

رقم الترخيص : 175165-5-2017
سنة الترخيص : 2023
عدد التراخيص : 1

ترخيص مصنع لمعدات و أجهزة و مواد الوقاية و مكافحة الحريق

تم إصدار الترخيص استناداً إلى القرار الوزاري رقم (24) لسنة 2012 ، في شأن تنظيم خدمات الدفاع المدني

رقم التسجيل	رقم الرخصة	رقم النشاط	اسم صاحب الترخيص	نوع النشاط	رقم الهاتف	عنوان الشركة	الموقع و البريد الإلكتروني	تاريخ تأسيس المنشأة	عدد المعدات و الأجهزة المراد ترخيصها	عدد المهندسين المعتمدين
2017-5-175165	799ص	3998	الواح الامارات للصناعات ش ذ م خ خميس ابراهيم خميس بولصلي آل علي	Manufacturer of fire retardant Aluminum Cladding	0503976888	الإمارات العربية المتحدة	حكومة ام القيوين - الاتحاد . الصناعية الحديثة. أم القيوين أم القيوين	11/04/2017	8	1
06/07/2023	تاريخ الانتها .	17/05/2023	تاريخ الإصدار	06/07/2023	تاريخ الإصدار	عدد الفنيين المعتمدين	8			

تم تسديد الرسوم بإبصال رقم (107382290370374256).



رؤيتنا أن تكون بولة الإمارات العربية المتحدة من أفضل بول العالم في تحقيق الأمن و السلامة

تعتبر هذه الشهادة وثيقة رسمية لا تحتاج الى توقيع. للتأكد من صحة المعلومات يرجى زيارة الرابط التالي:
<https://cdservices.moi.gov.ae/index/certificate-inquiry>



EPM PANELS AND THE ENVIRONMENT

EPM operates in strict compliance with all Environmental Legislation applicable to our industry and holds all relevant certifications for our products. EPM composite panels can be fully recycled.

QUALITY GUARANTEED

EPM are confident that our high manufacturing standards and focus on quality management result in our composite panels being second to none. EPM composite panels are guaranteed according to the selected -finish - please contact one of EPM's representatives for further details



EMIRATES PANEL MANUFACTURE LLC

+971 6 767 1188 / +971 56 752 9999

New Industrial Area 1, U.A.Q - U.A.E.

info@epm.biz

www.epm.biz

EmiratesPanelManufacture

emiratespanelm

