LEAK LOCK INSULATION CONTRACTING LLC
COMPANY PROFILE



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info@leaklockuae.com

Office 101, SH 799 Building, Saih Shuaib 2, Dubai Industrial City, Dubai, United Arab Emirates

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- Projects
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About Us

Leak Lock Insulation Contracting LLC is a UAE based company delivering specialized metal roof waterproofing and metal fabrication solutions for commercial and industrial projects. We focus on protecting buildings, extending asset life, and reducing maintenance risks through technically sound and reliable workmanship.

Our core expertise includes roof waterproofing systems for metal and concrete roofs, insulation works, roof repairs, leak rectification, and preventive maintenance solutions designed for harsh climatic conditions. We also provide custom metal fabrication, structural steel works, sheet metal works, gutters, skylights, and related installation services executed with precision and safety compliance.

We work with proven materials, skilled manpower, and disciplined project execution to ensure durable results, operational safety, and long-term performance. Our approach is practical, detail driven, and aligned with client requirements, site conditions, and industry standards across the UAE.

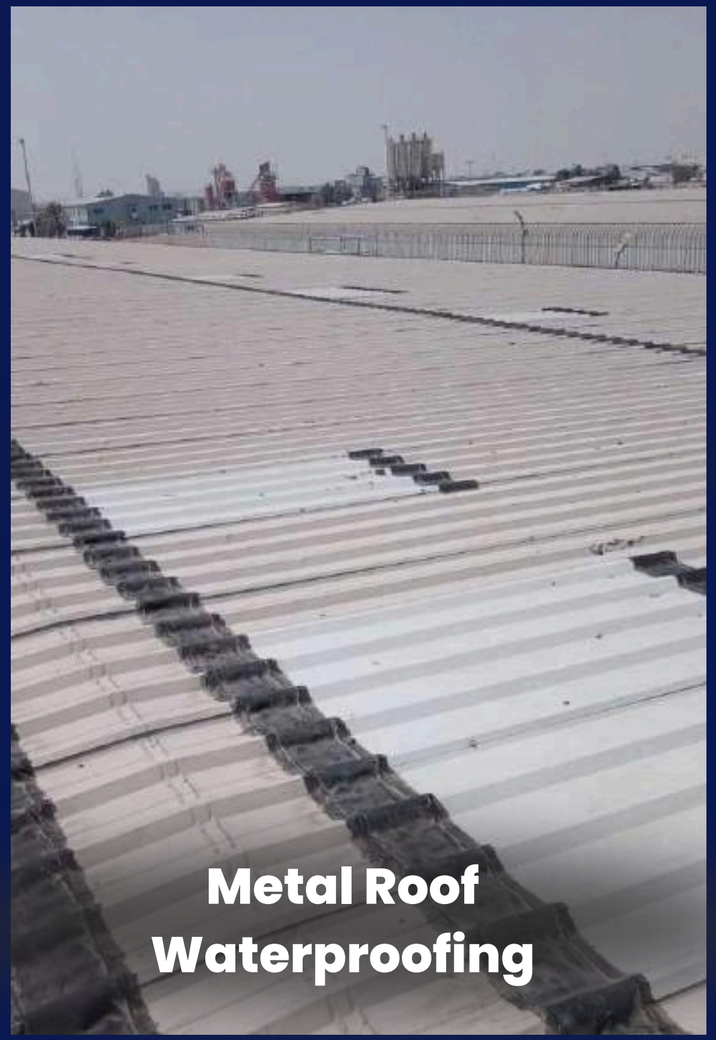
Vision

"Protecting assets. Powering industries. Building reliable structures".

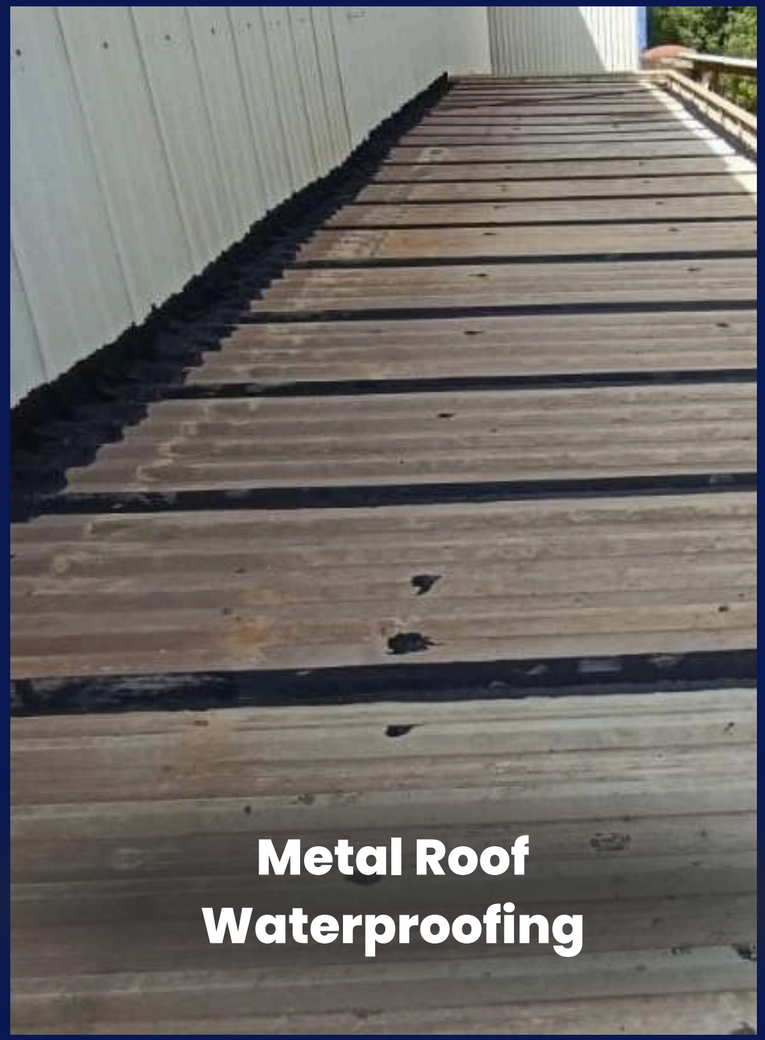
Mission

Our mission is to safeguard client assets through guaranteed waterproofing, energy-efficient lighting, and reliable structural solutions, executed with technical rigor, quality workmanship, and the highest safety standards.

Metal Roof Waterproofing Services



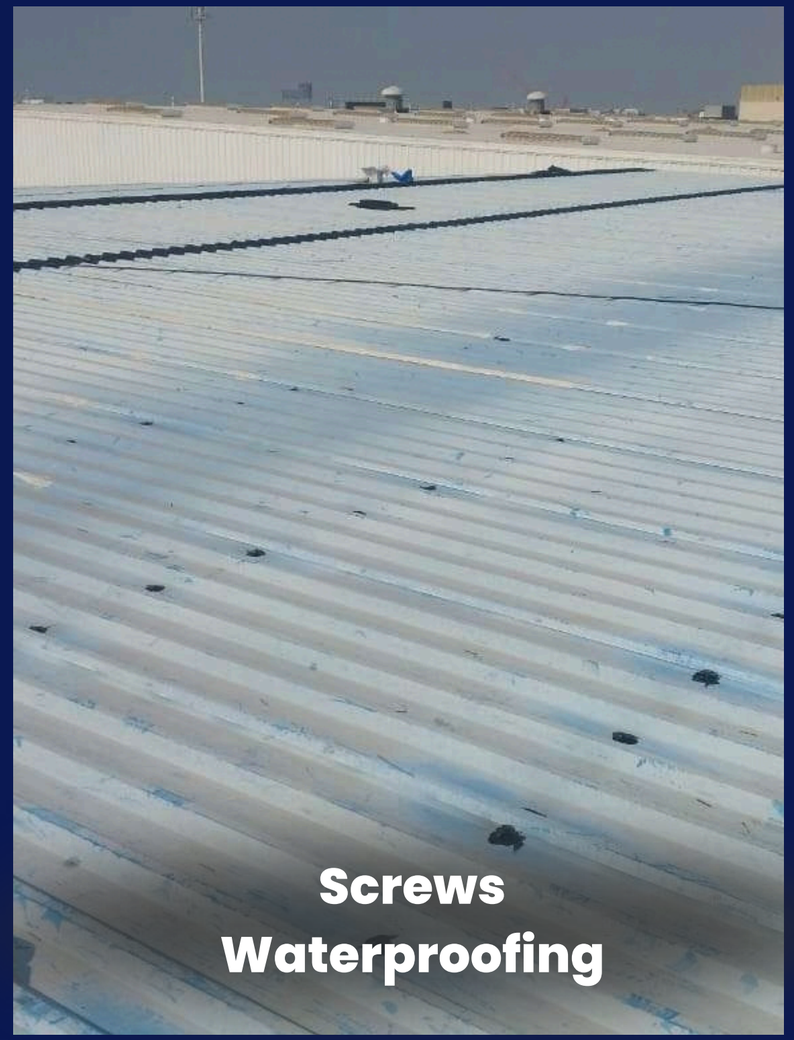




Metal Roof Waterproofing Services



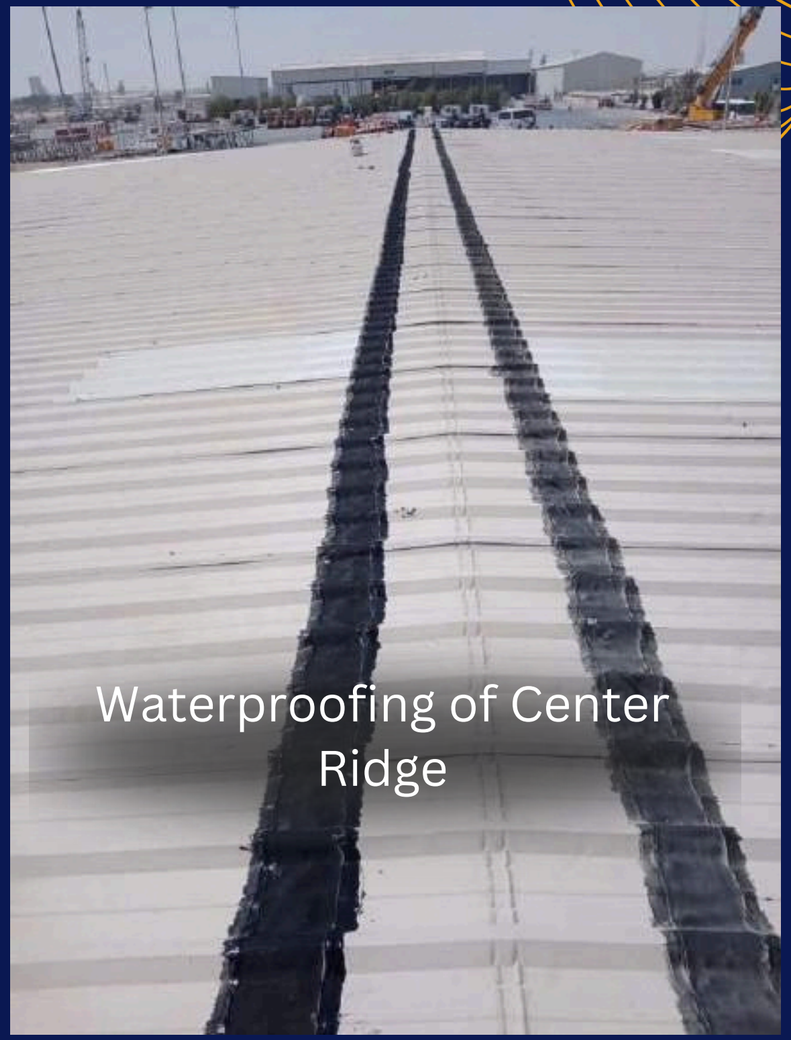




Metal Roof Waterproofing Services







Waterproofing of Ventilation fan



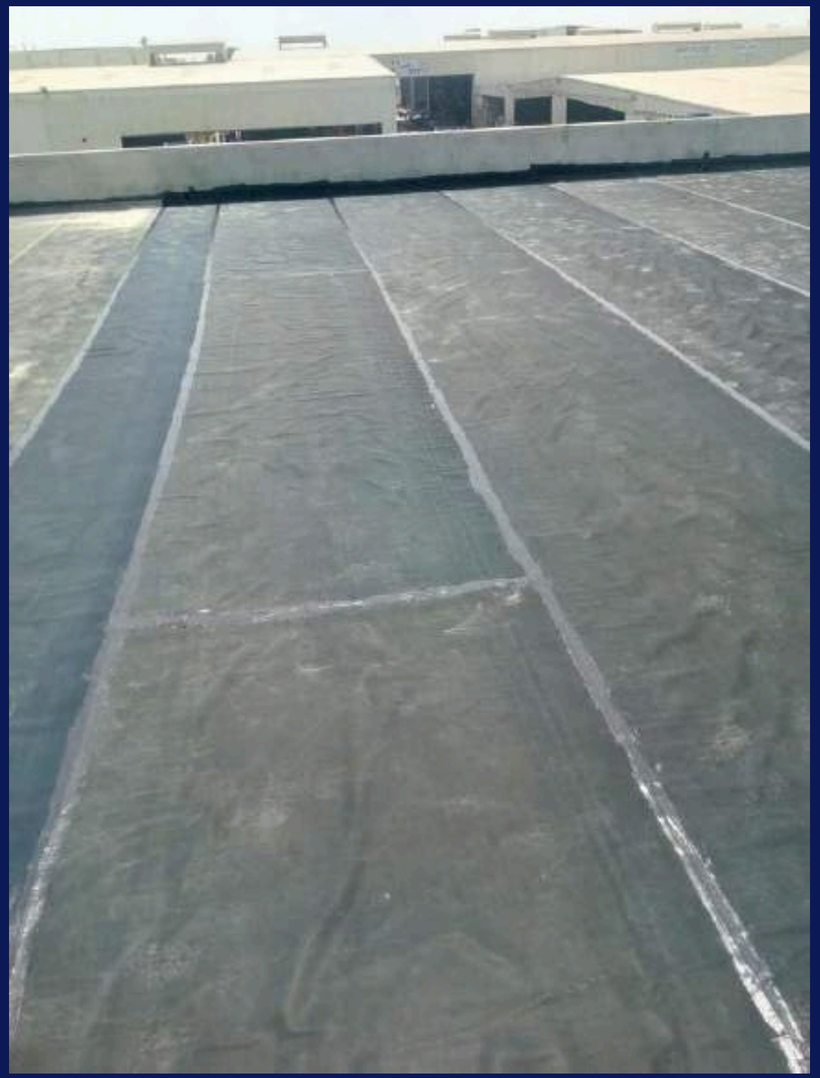


Concrete Roof Waterproofing





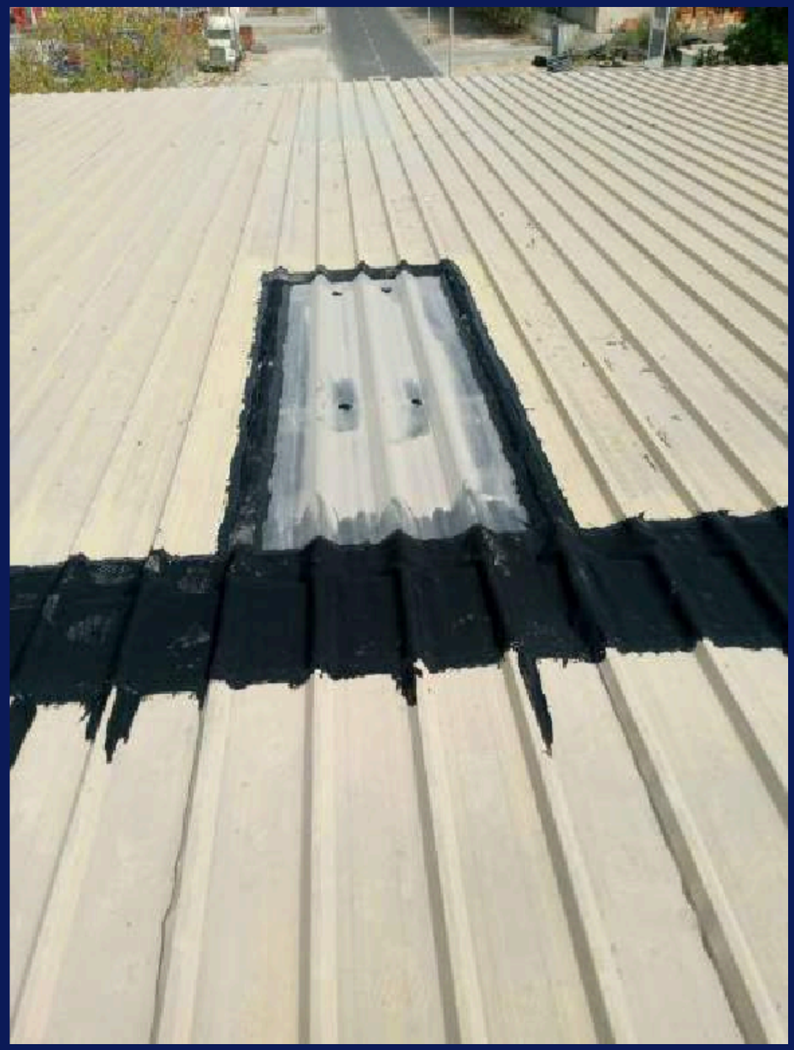




Skylight Waterproofing









FABRICATION SERVICES

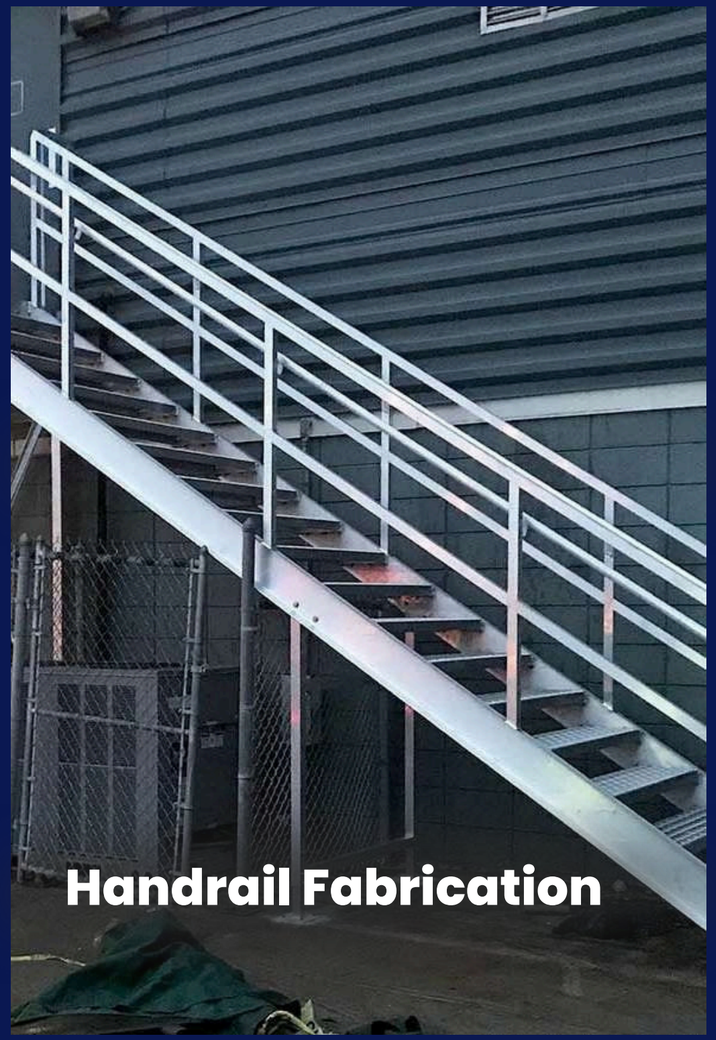
Fabrication Services







Fabrication Services







Fabrication Services







Fabrication Services



Car Parking Shades Fabrication & Installation



Mild Steel Staircase Fabrication & Installation



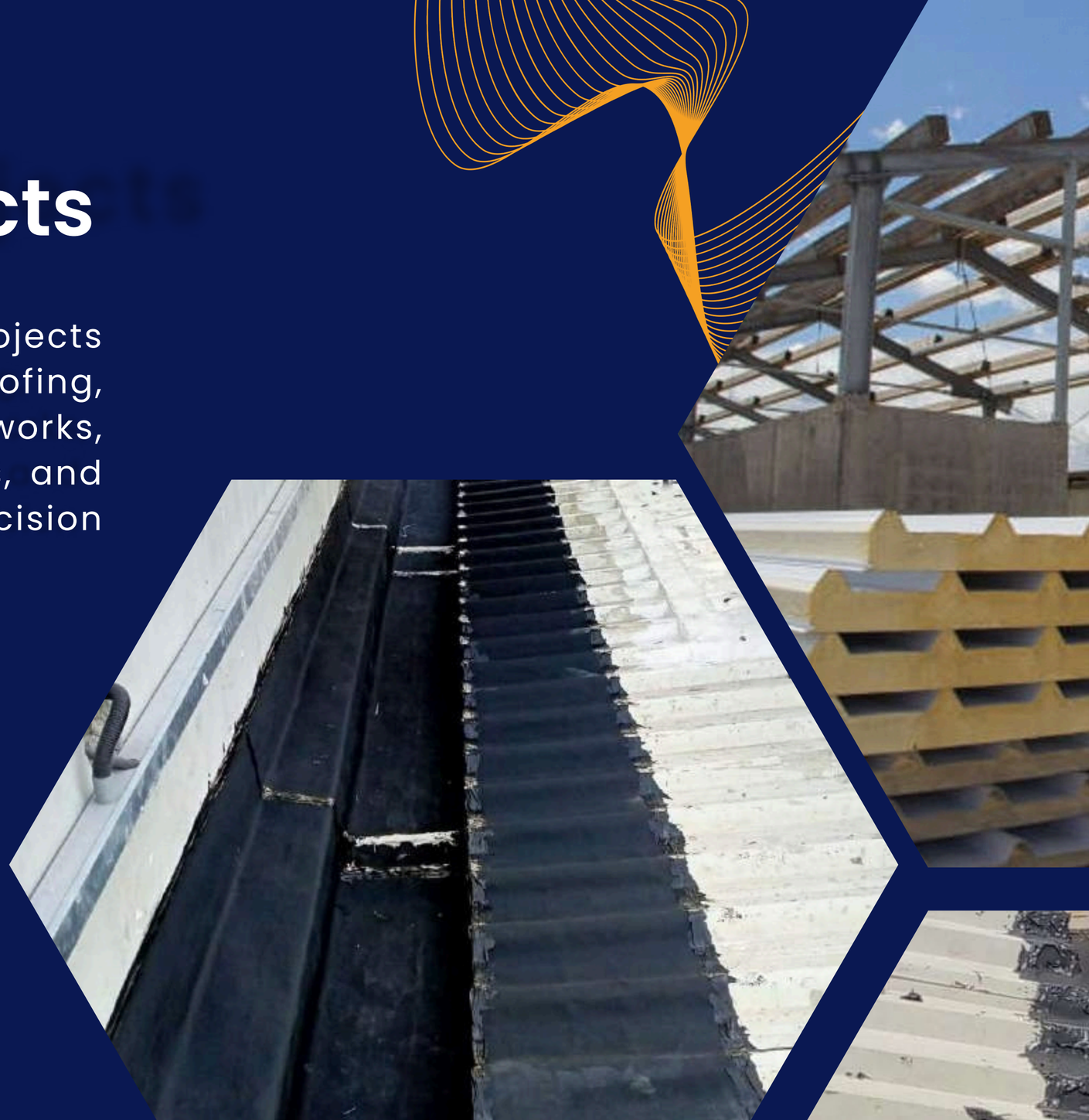
Environmental Fabrication & Installation

PROJECTS DETAIL

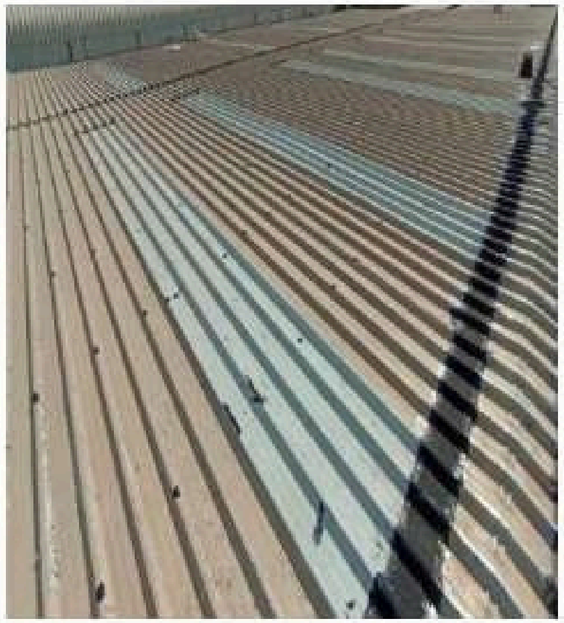
Leak Lock UAE Waterproofing Projects

LeakLock InsulationContractinghas successfullycompleted numerousprojects across the UAE, including roof waterproofing, thermal insulation, and metal fabrication works, serving commercial buildings, warehouses, and industrial complexes with exceptional precision and quality.

Each project reflects our dedication to durability, sustainability, and client satisfaction. From residential waterproofing to large-scale industrial insulation, Leak Lock UAE continues to set benchmarks in performance, reliability, and long-term structural protection.



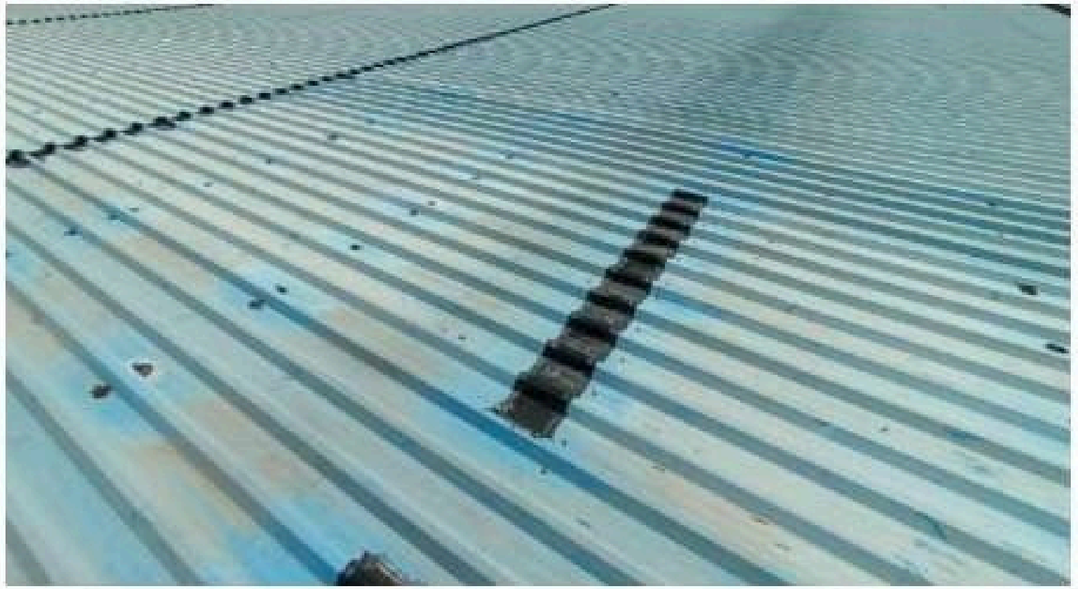
Al Rawabi Dairy Co. Dubai 6,000m² (Metal Roof Waterproofing)







Al Khattal Real Estate Dubai 9,900 m² (2 x Warehouses)









Navitas Chemicals FZE Sharjah 1,000 m² (Roof Waterproofing)

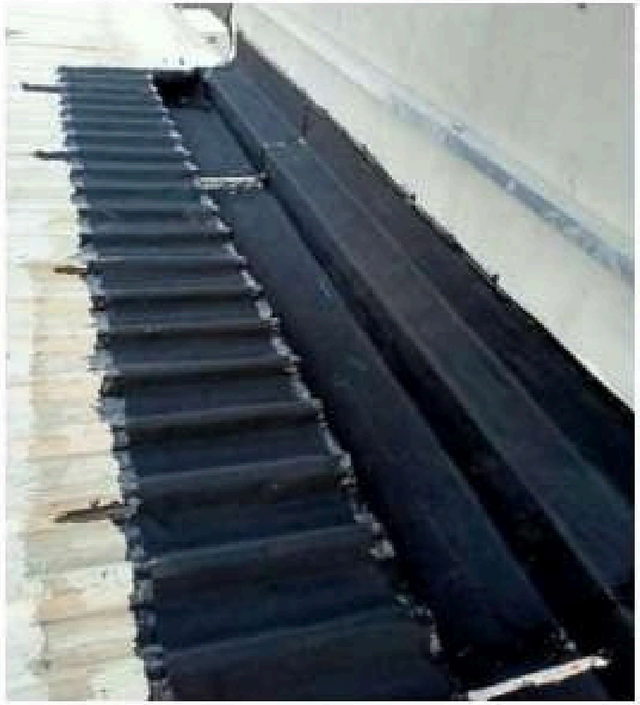


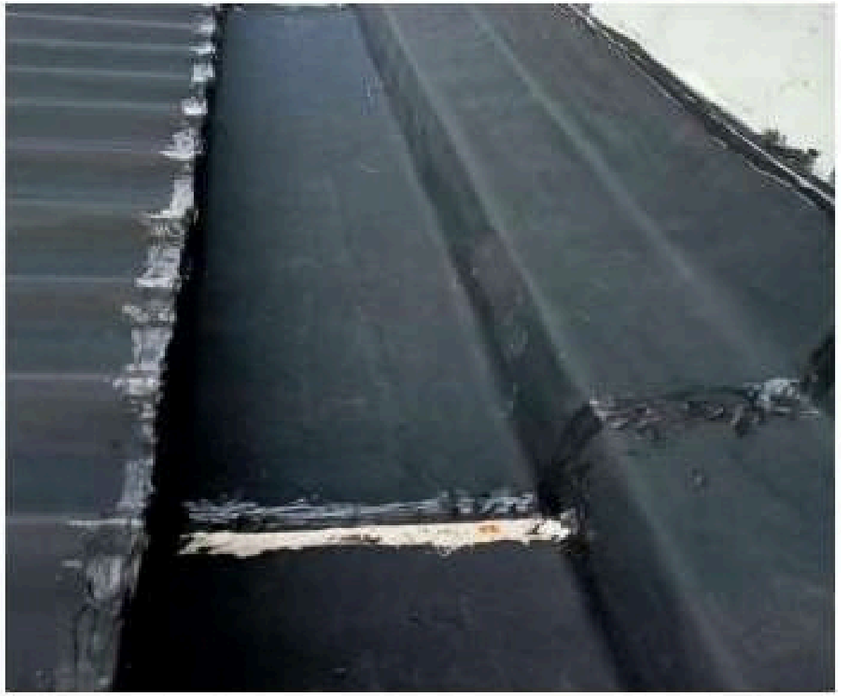




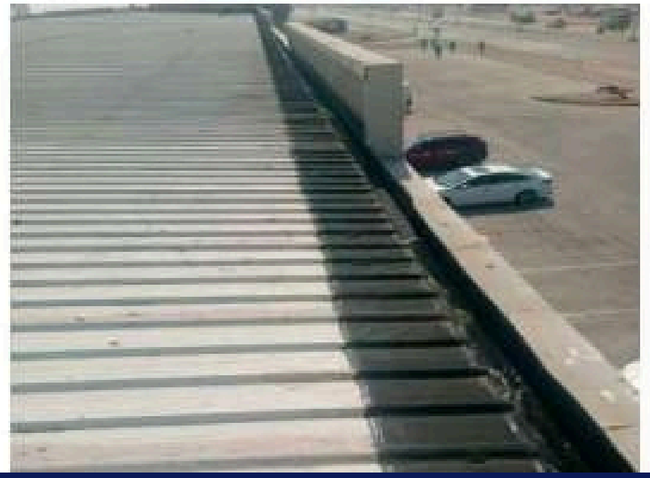


Darwish Bin Ahmed & Sons Abu Dhabi (Gutter Waterproofing - 300lm)

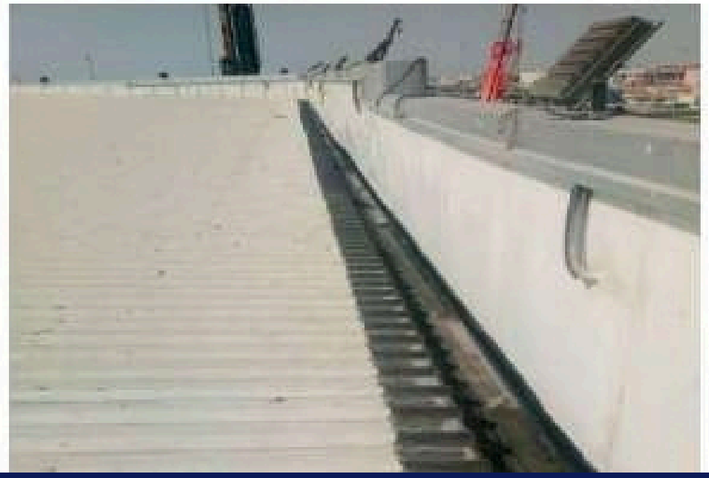












Bin Shabib Contracting Dubai (Metal Roof Waterproofing) - 1,000m²





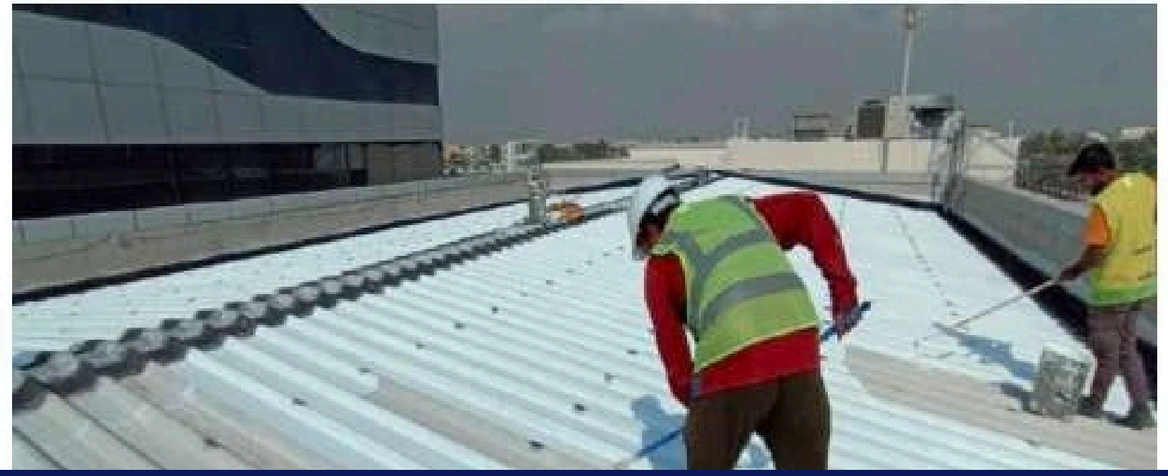




Muhammad Bin Rashid Space Centre Dubai (Metal Roof Waterproofing) - 1,080m²









AFSGT Dubai, 5,000 m² (Metal Roof Waterproofing)





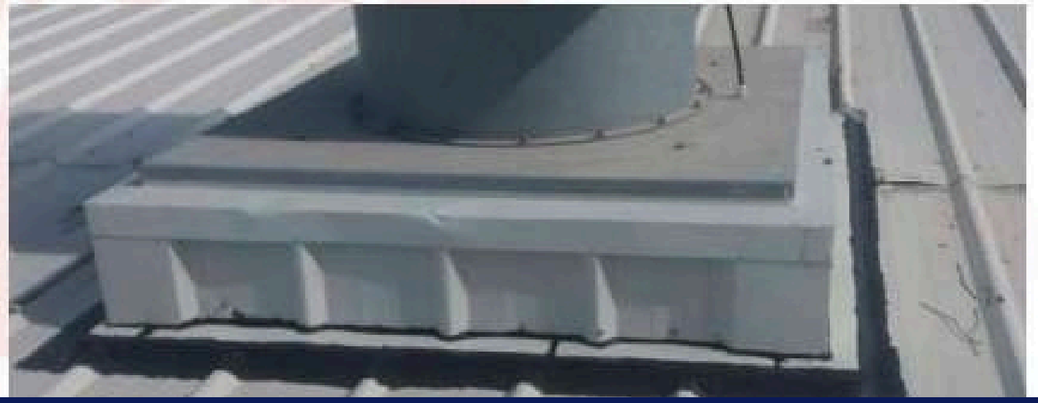


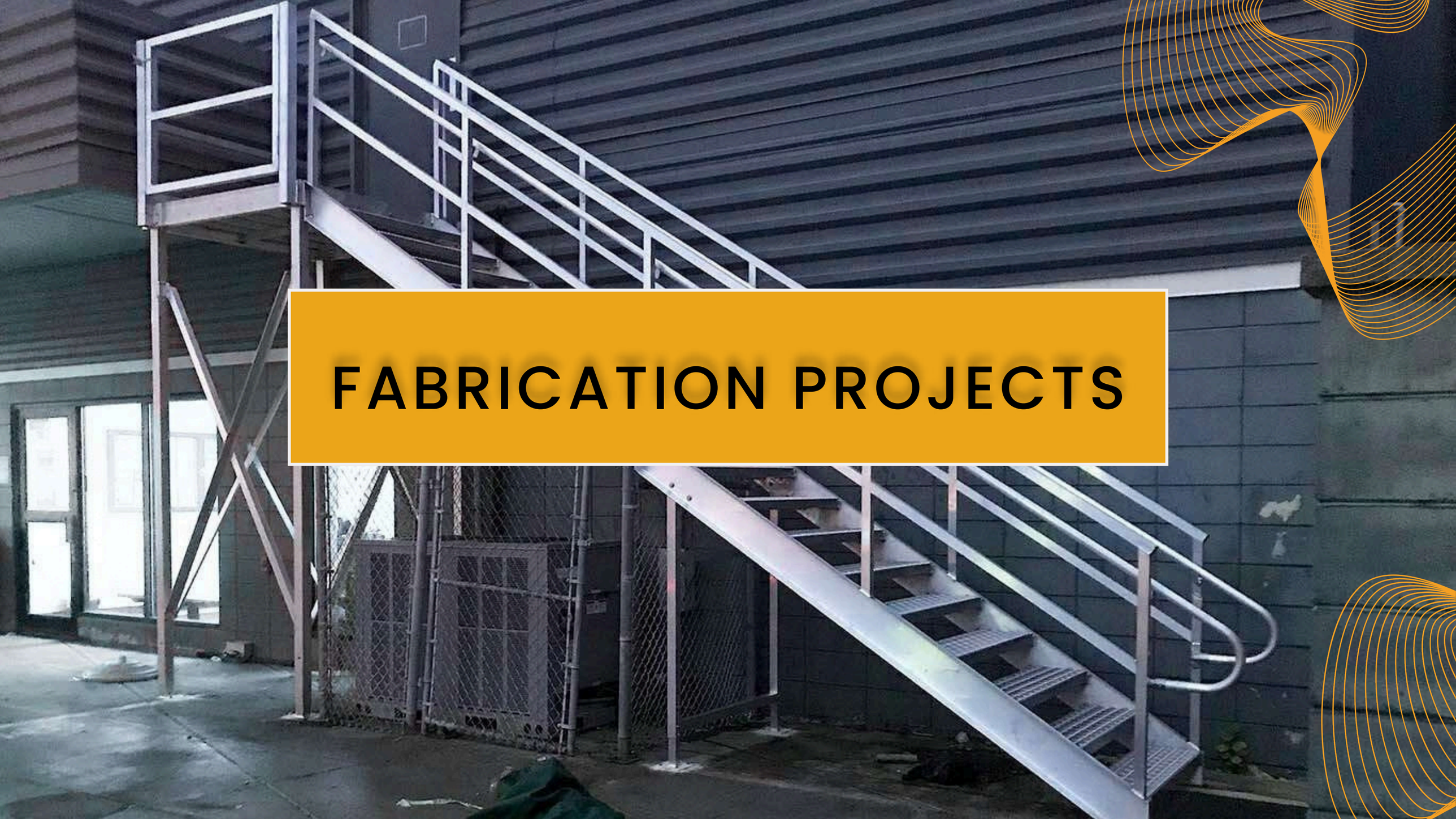


Ittehad Paper Mills Abu Dhabi (Ventilators Waterproofing)









FABRICATION PROJECTS

Al Amal （Al Soum Real Estate Warehouses 3000m2）





Refurbishment of Warehouses (Structural/Civil/Electrical Works)



Star Cement Factory Ras Al Khaimah 6,000m² (Pre-Engineered Building Erection)







Iffco Ajman 3,600 m² (2 x Pre-Engineered Buildings Erection - Poultry Farm)





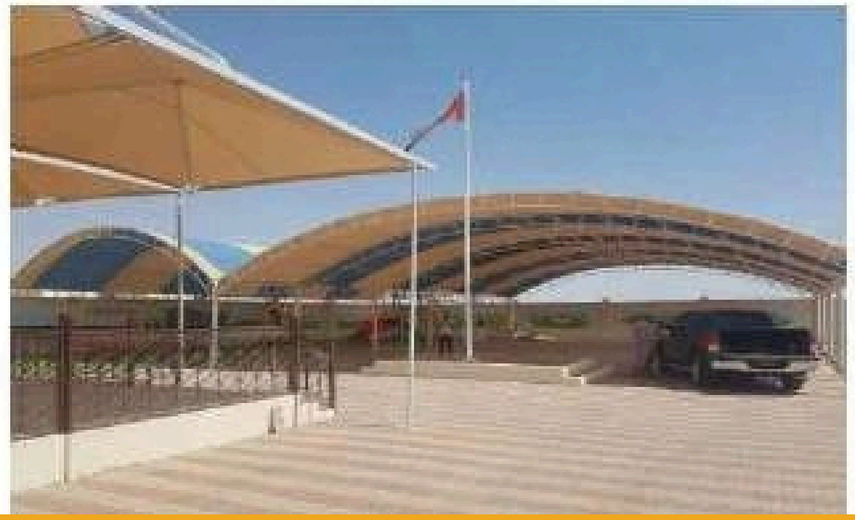




Dubai Hills Dubai, UAE (Play Ground Metal Roof Shade)

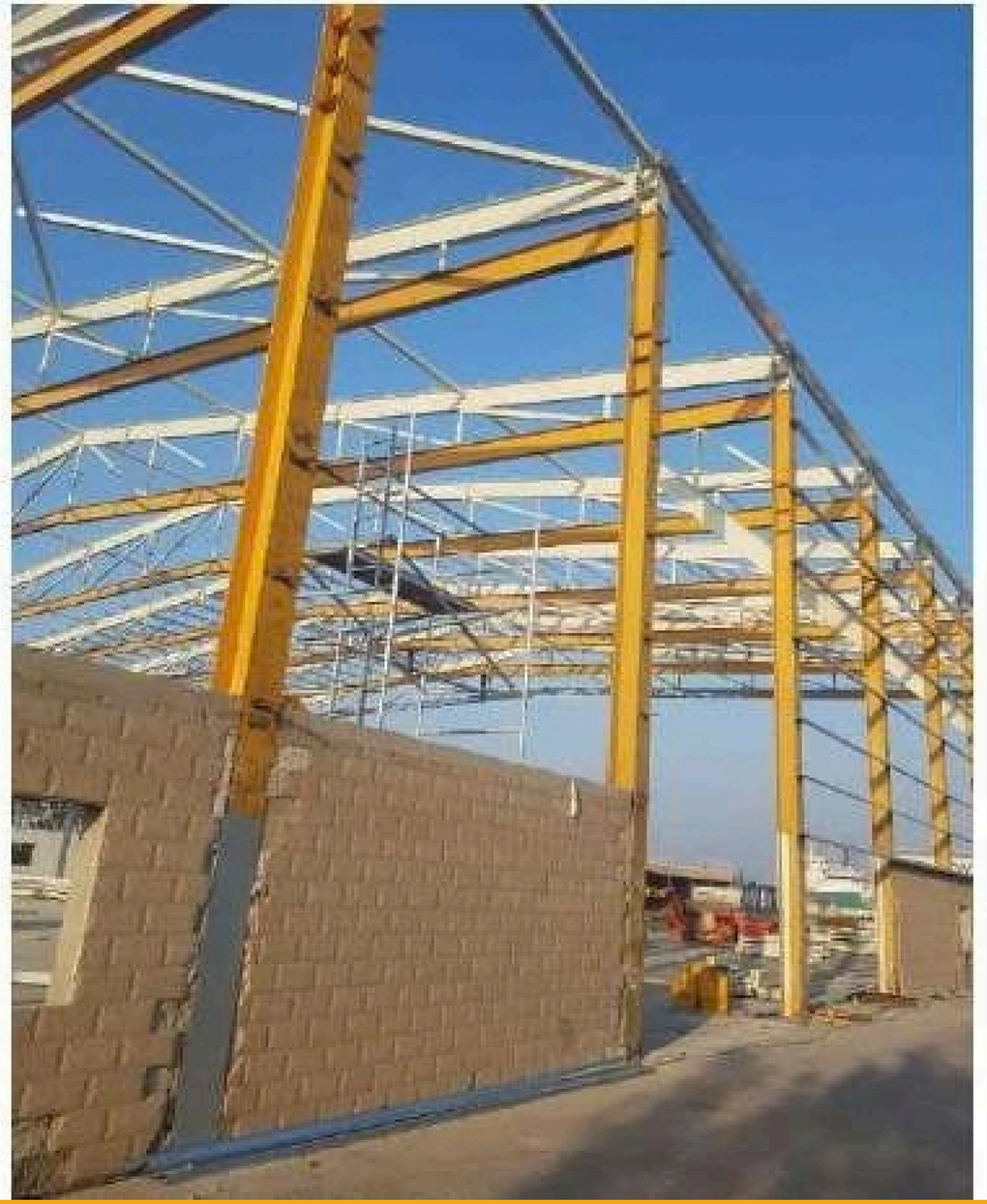






Transworld Sharjah, 2,800 m² (Pre-Engineered Building Erection)





Detailed Site Survey Reports with Measurements using Satellite Imaging Software's with Problem Identifications & Solutions as well as Consulting Services



WATERPROOFING OF METAL ROOF

TOTAL AREA: 4380 SQ. MTRS

TOTAL END LAPS: 6 NOS.

END LAPS LENGTH 71.0M EACH x 6 Nos. 452.0M

STANDARD SKYLIGHTS = 34 Nos. = 3x3x1x1=9 LM Each = 272 LM

SMALL SKYLIGHTS = 6 Nos. = 2x2x1x1 = 4 LM Each = 96 LM

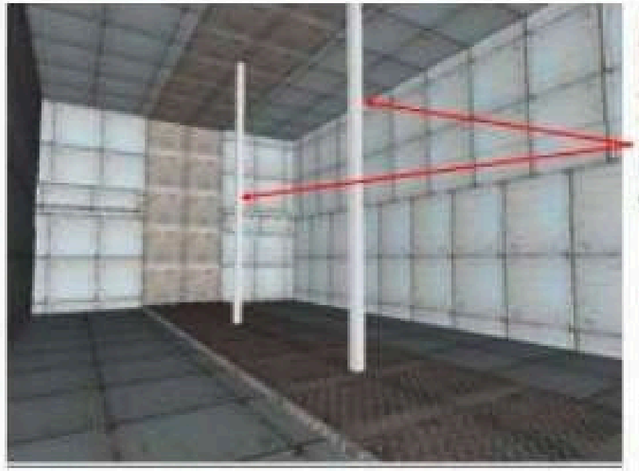
2 x Pipe Penetration 2.5" & 3"

3 x Eave Gutters = 75 + 28 + 38 = 139 LM / Each joint is after 4 LM therefore Total Joints are = 35 Joints

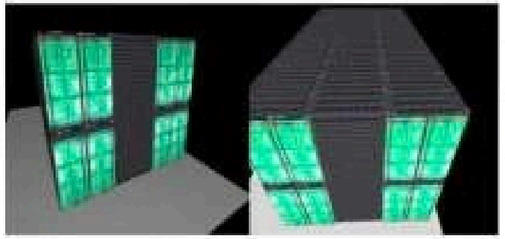
1 x Valley Gutter = 38.0M = 10 Joints

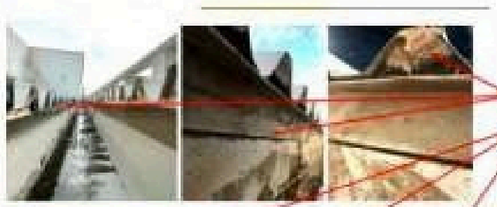
All the existing downspouts are 24-27 LM apart from each other. Therefore it is highly recommended to create new downspouts after each 4 LM.

ROOF ACCESS WAS AVAILABLE THROUGH TWIN CAT LADDER IN 3

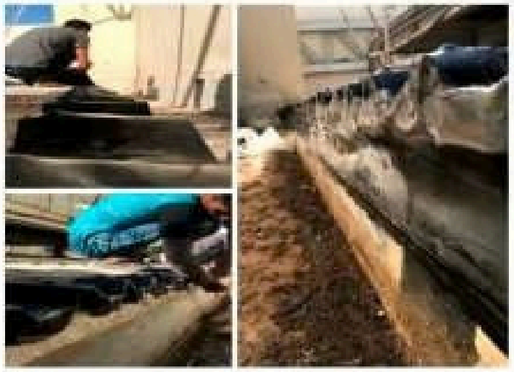


Both Frame Beams will be cut from the Middle and middle will be supported with 2 Nos. of 100x100mm x 2 sides support columns

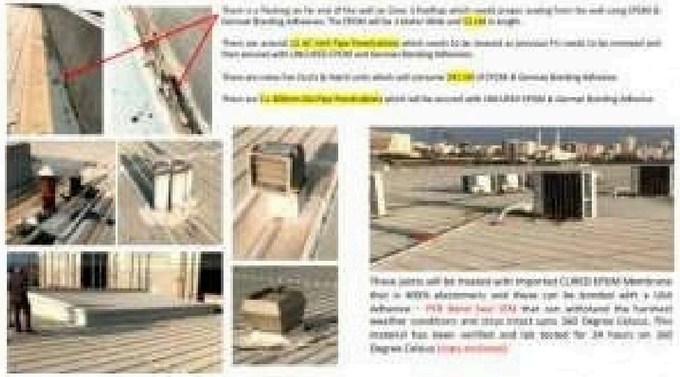




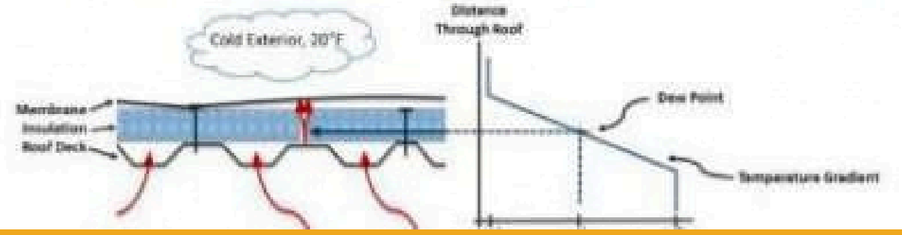




These joints will be treated with imported UNCURED EPDM Membrane that is 400% elastomeric and these can be bonded with a German Adhesive – PUR Bond 340 (EN) that can withstand the harshest weather conditions and stays intact upto 260 Degree Celsius. This material has been verified and lab tested for 24 hours on 180 Degree Celsius (copy enclosed).



These joints will be treated with imported CURED EPDM Membrane that is 400% elastomeric and these can be bonded with a UNI Adhesive – PUR Bond 340 (EN) that can withstand the harshest weather conditions and stays intact upto 260 Degree Celsius. This material has been verified and lab tested for 24 hours on 260 Degree Celsius (copy enclosed)



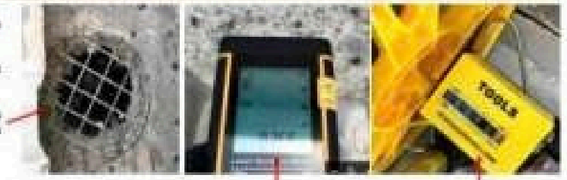
Condensation Problem in normal days due to constant temperature change

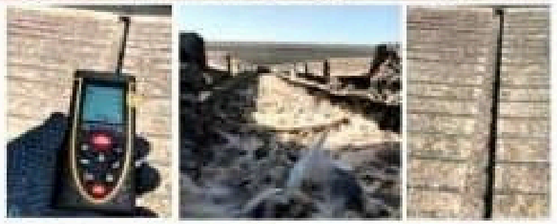
Condemation, Dew Point, and Roofing



Detailed Site Survey Reports with Measurements using Satellite Imaging Software's with Problem Identifications & Solutions as well as Consulting Services



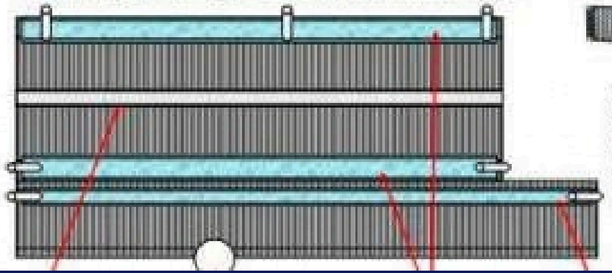




FLOUR PACKING (LOWER ROOF) – LARGE ROOF

TOP PERSPECTIVE ILLUSTRATION DIAGRAM OF THE GUTTERS & THEIR LENGTHS

Total Gutter Lengths: (Flour Packing (Lower Roof) = 17 + 17 + 21 LM = 55 LM Total Length



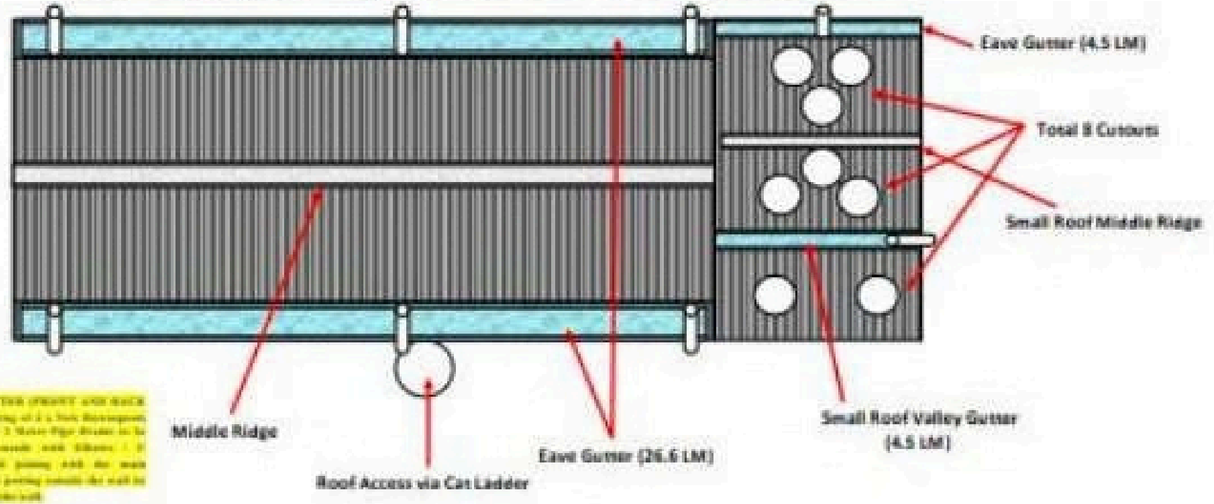


All the gutters are to be covered with a perforated SS sheet so only no present garbage / papers waste but also their maintenance will be much easier since they can be removed and washed over easily.

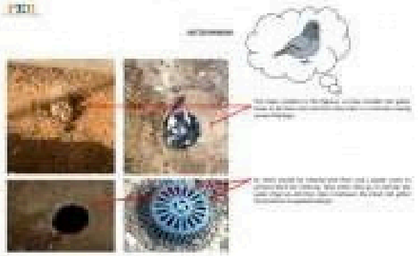
FLOUR PACKING (UPPER ROOF) – SMALL ROOF

TOP PERSPECTIVE ILLUSTRATION DIAGRAM OF THE GUTTERS & THEIR LENGTHS

Total Gutter Lengths: (Flour Packing (Upper Roof) = 26.6 + 26.6 + 4.5 + 4.5 LM = 62.2 LM Total Length



Gutter Replacement + Sealing from the Joints as well as New Core Cuts are recommended for water overflow for all the gutters new core cut to be given as shown above + 8 Overflow Core Cutting to be done.



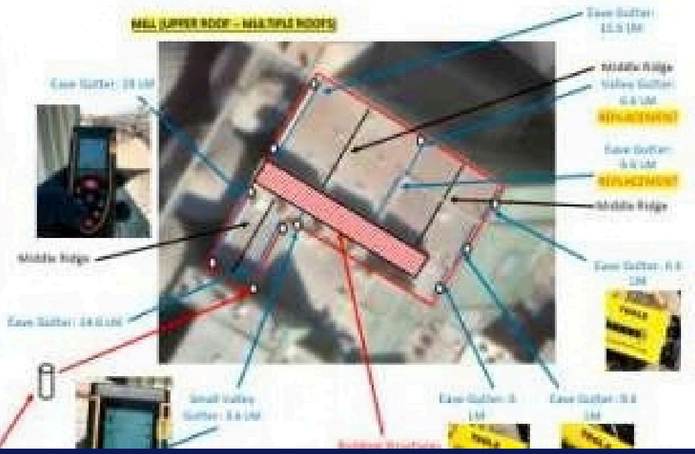


This has multiple Gutters & Middle Ridges. Its difficult to explain this roof, The area marked within the red line is the roof areas. The Area marked with white background and red lines are building structures in the middle. However, it is explained in detail in the best possible way.

Gutters are marked with **BLUE** Lines

Middle Ridges are marked with **BLACK** Lines

MILL (UPPER ROOF – MULTIPLE ROOFS)



الهيئة الاتحادية للضرائب
FEDERAL TAX AUTHORITY

شهادة التسجيل في ضريبة القيمة المضافة
أصدرت بموجب الصلاحية الممنوحة بموجب المادة (4) من المرسوم بقانون رقم (13) لسنة 2016 بشأن إنشاء الهيئة الاتحادية للضرائب

Certificate of Registration for Value Added Tax in the United Arab Emirates

Issued under the authority allocated by Art. 4 of the Federal Decree-Law No. 13 of 2016

The Federal Tax Authority certifies that the entity below is a registered person for Value Added Tax in the UAE		تشهد الهيئة الاتحادية للضرائب أن الجهة التالية مسجلة لضريبة القيمة المضافة في الإمارات العربية المتحدة
Tax Registration Number	104619653900003	رقم التسجيل الضريبي
Legal Name of Entity (Arabic)	ليك لوك لتركيب المواد العازلة في البنية والمنشآت المدنية ش.ذ.م.م	الاسم القانوني للكيان (باللغة العربية)
Legal Name of Entity (English)	LEAK LOCK INSULATION CONTRACTING L.L.C	الاسم القانوني للكيان (باللغة الإنجليزية)
The Registered Address and Contact Number	Office 101 SH 799 Building, Saih Shuaib 2, Dubai Industrial City, Dubai, Dubai +971529676127	العنوان المسجل ورقم التواصل
Effective Registration Date	01/10/2024	تاريخ التسجيل الفعلي
First VAT Return Period	01/10/2024 - 31/12/2024	فترة أول إقرار لضريبة القيمة المضافة
VAT Return due date	28/01/2025	تاريخ استحقاق الإقرار الضريبي لضريبة القيمة المضافة
Start and end dates of Tax periods	1st Apr to 30th Jun, 1st Jul to 30th Sep, 1st Oct to 31st Dec, 1st Jan to 31st Mar	تواريخ بدء وانتهاء الفترات الضريبية

List of Main trade license, Sole Establishments and branches licenses details under the registered taxable person: قائمة الرخصة التجارية الرئيسية والمؤسسات الفردية والفروع المندرجة ضمن التسجيل الضريبي :

	Legal Name	License Issuing Authority	License Number/رقم الرخصة	جهة الترخيص	الاسم القانوني
1	LEAK LOCK INSULATION CONTRACTING L.L.C	Dubai Economy and Tourism	1373716	اقتصادية وسياحة دبي	ليك لوك لتركيب المواد العازلة في البنية والمنشآت المدنية ش.ذ.م.م

يرجى التأكد من صحة تفاصيل الشهادة. يجب إبلاغ الهيئة الاتحادية للضرائب في حال تغيير الأسس التي حصلت فيها على رقم التسجيل الضريبي الخاص بك.*

*Please check that the details on this certificate are correct. You must inform the Federal Tax Authority of any change on the basis of which you obtained your Tax Registration Number.

Digitally Approved by the Federal Tax Authority
UAE PASS
2026.06.25 13:15:45 +04'00'

Date of Issue 25/06/2026 تاريخ الاصدار

Version Number 2024/VAT/0000682370/004 رقم الإصدار

الهيئة الاتحادية للضرائب
FEDERAL TAX AUTHORITY

	Legal Name	License Issuing Authority	License Number/رقم الرخصة	جهة الترخيص	الاسم القانوني
1	LEAK LOCK INSULATION CONTRACTING L.L.C	Dubai Economy and Tourism	1373716	اقتصادية وسياحة دبي	ليك لوك لتركيب المواد العازلة في البنية والمنشآت المدنية ش.ذ.م.م

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Date of Issue 25/06/2026 تاريخ الاصدار

Version Number 2024/VAT/0000682370/004 رقم الإصدار

حكومة دبي
GOVERNMENT OF DUBAI

DUBAI
لاقتصاد والسياحة
Economy and Tourism

رخصة تجارية
Commercial License

License Details / تفاصيل الرخصة

License No.	1373716				رقم الرخصة
Company Name	LEAK LOCK INSULATION CONTRACTING L.L.C				اسم الشركة
Business Name	LEAK LOCK INSULATION CONTRACTING L.L.C				الاسم التجاري
License Category	Dep. of Economic Development			دائرة التنمية الاقتصادية	فئة الرخصة
Legal Type	Limited Liability Company(LLC)			ذات مسئولية محدودة	الشكل القانوني
Expiry Date	04/06/2027	تاريخ الإنتهاء	Issue Date	05/06/2024	تاريخ الإصدار
D&B D-U-N-S ® N		الرقم العالمي	Main License No.	1373716	رقم الرخصة الام
Register No.	2338565	رقم السجل التجاري	DCCI No.	541971	عضوية الغرفة

License Members / الاطراف

رقم الشخص/No.	الإسم / Name	الجنسية / Nationality	الصفة / Role	الحصص / Share
1632235	محمد فارس خان محمد دولار خان MUHAMMAD FARIS KHAN MUHAMMAD DILAWAR KHAN	باكستان / Pakistan	مدير / Manager	
2046829	محمد يوسف محمد عثمان MUHAMMAD YOUSUF MUHAMMAD USMAN	باكستان / Pakistan	مدير / Manager	

Print Date 18/05/2026 11:09 تاريخ الطباعة

Receipt No. رقم الإيصال

الإمارات
THE EMIRATES

يمكنك الآن تجديد رخصتك التجارية من خلال الرسائل النصية القصيرة. أرسل رقم الرخصة إلى 6969 (دو/ اتصالات) للحصول على اذن الدفع.

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وثيقة إلكترونية معتمدة وصادرة بدون توقيع من دائرة الاقتصاد والسياحة في دبي. لمراجعة صحة البيانات الواردة في الرخصة يرجى مسح رمز الاستجابة السريعة

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EAK LOCK
EAK LOCK

HSE Policy

LEAK LOCK
INSULATION CONTRACTING LLC

Health & Safety Management System and Procedures

1. Introduction Leak Lock Contracting is committed to ensuring the highest standards of health and safety across all its operations. Our Health & Safety (H&S) Management System is designed to comply with OSHA (Abu Dhabi Occupational Safety and Health) guidelines and other relevant regulations. This document outlines our approach to risk management, safety procedures, and responsibilities to create a safe working environment for all employees, subcontractors, and stakeholders.

2. Health & Safety Policy Statement Leak Lock Contracting prioritizes health and safety in every aspect of its operations. We aim to:

- Prevent workplace accidents and occupational illnesses.
- Identify and mitigate risks through proactive measures.
- Ensure compliance with all legal and regulatory requirements.
- Promote a culture of safety awareness and continuous improvement.
- Provide necessary training and resources to all employees.

3. Responsibilities and Accountability

- **Management**: Ensure implementation of H&S policies, provide resources, and promote safety culture.
- **Supervisors**: Monitor safety practices, enforce policies, and report hazards.
- **Employees**: Follow safety procedures, report hazards, and participate in training.
- **Safety Officers**: Conduct risk assessments, audits, and ensure compliance.

4. Risk Assessment and Hazard Control

- Conduct risk assessments in accordance with OSHA guidelines.
- Identify workplace hazards and implement control measures.
- Regularly review and update risk assessments.

5. Safe Work Procedures

- **Roof Waterproofing and Installation**: Use appropriate PPE, secure tools, and follow fall protection measures.
- **Hot Work (Welding, Cutting, etc.)**: Implement fire safety controls and provide fire extinguishers.
- **Material Handling and Storage**: Use mechanical aids and proper lifting techniques.
- **Emergency Procedures**: Establish evacuation plans, first-aid provisions, and fire response protocols.

6. Personal Protective Equipment (PPE)

- Mandatory PPE includes helmets, gloves, safety shoes, and harnesses.
- PPE must be inspected regularly and replaced when necessary.

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LEAK LOCK

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7. Incident Reporting and Investigation

- All incidents, near misses, and injuries must be reported immediately.
- Investigations will be conducted to determine root causes and preventive measures.
- Documentation of incidents will be maintained for continuous improvement.

8. Training and Awareness

- Regular H&S training for all employees.
- Toolbox talks before high-risk activities.
- Safety drills and emergency response training.

9. Monitoring and Continuous Improvement

- Regular audits and inspections to assess compliance.
- Review H&S policies annually to integrate best practices.
- Encourage employee feedback for safety enhancements.

10. Conclusion Leak Lock Contracting is dedicated to fostering a safety-first culture to protect our workforce and stakeholders. By following this H&S Management System, we ensure a secure and compliant work environment, minimizing risks and maintaining operational excellence.

FOR LEAK LOCK INSULATION CONTRACTING LLC

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LEAK LOCK

Pre-Qualification And Technical Documents

BONDING ADHESIVE

TECHNICAL DATA SHEET

EAK LOCK

PRODUCT DESCRIPTION

Bonding Sealant is a high-performance, neutral cure weather resistance silicone sealant. It has non-corrosive property, 50% joint movement capability and low Tensile strength. It provides strong bonds to a variety of construction materials. Low string upon gunning, ease of application and ready to use. It has an excellent adhesion to glass, aluminium, glazed surfaces and metals, plastics, tiles, wood, rubber, concrete and other building materials.

TECHNICAL PROPERTIS



Properties	Test Method	Unit	Specifications
Chemical Base			1-C Silicone
Cure Mechanism			Moisture
Cure Type			Neutral
Joint Movement Capability	ASTM C 719	%	+/-50
As Supplied @ 25°C, 50% RH			
Color			Black, Grey, White
Consistency			Homogeneous paste
Density	ASTM D 1475		1.27 ± 0.02
Flow Properties	ASTM C 639	mm	0 (Non-sag)
Skin Over Time	ASTM C 679	minutes	Approx. 8
Tack Free Time	ASTM C 679	minutes	Approx. 13
Depth Cure, 24 hrs	Lab Test	mm	~ 2.4
As Cured – 7 Days @ 25°C, 50% RH			
Hardness (Shore A)	ASTM D 2240	Points	30 – 35
Tensile Strength	ASTM D 412	N/mm^2	≤ 1.80
Elongation	ASTM D 412	%	≤ 750
Young's Modulus	ASTM D 412	MPa	≤ 0.35
Service Temp.		°C	-40 to +250
Application Temp.		°C	5 to 45

Note:
** Curing time (Skin Over Time & Tack Free Time) may vary depending on climatic condition during application.*
** Information on this data sheet is subject to change without prior notice and should not be used for writing specifications*

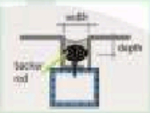
TYPICAL USES

- Interior and Exterior Applications
- Sealing dynamically moving joints such as expansion and control joints
- Concrete panel joints
- Perimeter joint sealing (windows, doors panels, and frames, etc.)
- Façade & curtain wall application
- Good bonding between metal surface and rubbers like EPDM

KEY FEATURES

- Non-Corrosive
- Non-Stain
- UV & Weather-Resistance
- Excellent Adhesion

EAK LOCK

COLOR	Bonding Adhesive Sealant is available in Black color.. caulking cartridges (280ml), packed sausages (600ml) and 200 Liter drum
SURFACE PREPARATION	The substrate areas that will be in contact with sealant must be clean, dry and free of all loose materials, dust, dirt, rust, oil and other contaminants. Non - porous substrates should be cleaned with a solvent and a clean, lint - free, cotton cloth. Wipe dry immediately with another such cloth before the solvent evaporates from the surface. Porous surfaces may need to be grinded, free of dust and cleaned
JOINT DESIGN	For General Use joints up to 12 mm wide, width to depth ratio = 1:1 $\frac{width}{depth} = \frac{1}{1}$ or $w = d$ joints over 12 mm wide, width to depth ratio = 2:1 $\frac{width}{depth} = \frac{1}{0.5}$ or $w = 2d$  Install backing material, spacer, or joint filler to ensure correct depth to width ratio is achieved according to design. Apply masking tapes to areas adjacent to joints to ensure neat sealant lines.
TOOLING AND FINISHING	Immediately tool sealant after application and before skin formation. Tooling of sealant should be done in one continuous stroke. Remove masking tape immediately after tooling is completed.
CLEANUP AND REMOVAL	Uncured sealant may be removed from tools, equipment and non-porous surfaces with solvents. For porous substrates, allow the sealant to cure before removal by peeling or other mechanical means. Cured sealant can only be removed mechanically.
LIMITATION	Not paintable. Substrate compatibility test is always recommended.
STORAGE AND SHELF LIFE	When stored in original unopened container at or below 77°F (25°C) in dry warehouse conditions, The adhesive has a shelf life of 12 months from manufacturing date. Containers should always be kept sealed when not in use. Application temperature is 5 to 45 °C
HANDLING PRECAUTIONS	Use in well-ventilated area. Direct contact of uncured sealant may irritate eyes and skin. Over exposure to vapor may irritate eyes, nose and throat. Do not handle contact lenses with sealant on hands. In case of eye contact, flush eyes with water for 15 minutes. Obtain medical attention. In case of skin contact, remove from skin and flush with water.

KEEP OUT OF REACH OF CHILDREN • KEEP CONTAINER TIGHTLY CLOSED • FOR INDUSTRIAL & PROFESSIONAL USE

The information and data contained herein is believed to be accurate and reliable; however, it is the user's responsibility to determine suitability of use. Since the supplier cannot know all the uses, or the conditions of use to which these products may be exposed, no warranties concerning the fitness or suitability for a particular use or purpose are made. We reserves the right to change the properties of its products without notice

EPDM MEMBRANE TDS

TECHNICAL SPECIFICATIONS

EPDM membrane based roofing protection, is an application developed in the USA almost four decades ago and continues to be one of the most popular applications of the polymer.

EPDM Single Ply Waterproofing System is specially de- signed to protect all reinforced concrete structures and metal surfaces on or under the ground in the Arabian Peninsula. Due to exceptional weather and water resistance, TEPDM sheets are used for the protection of rooftops of commercial and residential buildings, Airport Terminal buildings and any structure where protection from rain water seepage is of prime importance.



DESCRIPTION
The EPDM is a cured single-ply synthetic roofing membrane made of ethylene, propylene, diene, terpoly- mer. Depending on roofing dimensions, the waterproofing surface may be seamless. In other situation, seams can be made using adhesives or tape.
The standard gauge thickness of RUBBERGUARD EPDM Membranes is 1.0mm, 1.20mm and 1.50mm. However upon customer request membranes of any thickness ranging from 0.75 to 3.0mm can be supplied.

PREPARATION
Product: Allow the membrane to relax for approximately
30 minutes before installation.
Substrate: Roofing structure need to be stable enough to support the temporary loading. Substrate needs to be clean, smooth, dry and free of sharp edges, loose or foreign materials, oil, grease and other materials that may damage the membrane.

APPLICATION
Install EPDM membrane in accordance with current specifications and details.

COVERAGE
The dimensions of the membrane are calculated to cover the seam overlaps (75 - 100mm for standard seams – 180mm for B.J.S) and upstands. Provide an additional length (100mm) at upstands for easy manipulation.

PHYSICAL
Elastomeric membrane with a good combination of high elasticity and tensile strength.
Water-resistant.
Temperature stable from – 45 °C to 130 °C
Retains its elasticity at low temperature and resistance to temperature shocks up to 250 °C.
Excellent resistance to alkali rains, less resistant to oil products. Contact with some kind of oils, petroleum products, hot bitumen and grease must be avoided.
Excellent resistance to UV radiation and ozone concentration.

TECHNICAL
Base EPDM
Colour & Finish Black, Fabric Finish/ smooth finish
Solvents None
Solids (%) 100
State Cured
Storage Store the membrane in a dry place until use.

TECHNICAL SPECIFICATIONS - EPDM WATERPROOFING MEMBRANE

NO.	PROPERTY		TEST STANDARD	SPECIFIED VALUES**	TYPICAL
1	Specific Weight, kg/m^2	0.75 mm thick sheet	--	--	0.90±0.20
		1.00 mm thick sheet	--	--	1.20±0.20
		1.14 mm thick sheet	--	--	1.36±0.20
		1.20 mm thick sheet	--	--	1.44±0.20
		1.50 mm thick sheet	--	--	1.80±0.20
		2.00 mm thick sheet	--	--	2.40±0.20
2	Tolerance on nominal gauge		ASTM D 412	±10%	± 10%
3	Texture & Color		Visual Check	--	Fabric Finish, Black
4	Tensile strength, min., MPa		ASTM D 412	9.0	10.5
5	Elongation at break, min., %		ASTM D 412	300	475
6	Tear strength, min., kN/m		ASTM D 624 Die C	26.3	34.0
7	Factory Seam Strength, Min. Kn		ASTM D 816 Method B (Modified)	8.8 OR Membrane Rupture	Membrane Rupture
8*	Brittleness Temperature, ^{0}C		ASTM D 746	- 45	- 55
9*	Resistance to heat ageing (Properties after 168 hrs. exposure @ 116 °C)		ASTM D 573	--	--
	Tensile strength, min., MPa		ASTM D 412	8.3	10.1
	Elongation at break, %		ASTM D 412	200	230
	Tear strength, kN/m		ASTM D 624	21.9	31.5
	Linear Dimensional Change, Max, %		ASTM D 1204	±1.0%	- 0.5
10*	Ozone Resistance Condition after exposure to 100 pphm ozone in air for 168 hrs @ 40^{0}C (Sample at 50% strain)		ASTM D 1149	No Cracks	No Cracks

LEAK LOCK INSULATION
CONTRACTING LLC

Wind Driven
Turbine Ventilators

Constructed with super light weight aluminium alloy with revolutionary Fluorine Carbon Polyester Coating

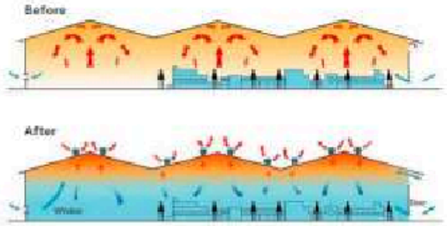


› RESIDENTIAL › COMMERCIAL › INDUSTRIAL

Wind Driven Turbine Ventilators

How it Works

our ventilators work by drawing stale air upwards and out of the building. This air is then replaced by fresh air which is drawn in by way of a convection current through other openings in the building.



Key Benefits

- Low cost
- Easy installation
- Fits all roof types
- Efficient
- Silent running
- Corrosion resistant
- Eco-friendly
- Fully waterproof
- 5 sizes available
- No wiring
- No maintainence
- No ongoing costs

EXTRACTS:

- Hot, humid air
- Polluted air and fumes
- Condensation
- Smells and animal odours
- Corrosive air

Installation

Each ventilator is boxed with full installation instructions, and a 15 year manufacturer's warranty. Ideally ventilators should be positioned as close to the peak of the roof as possible. If this is not an option, a cowl flashing can be made to fix further down the roof.

Superiority

- 30% more venting efficiency than Stainless Steel ventilators
- Ventilators is suitable for corrosive fume extraction and coastal areas due to the anti-corrosive flurocarbon polyester coating.

Construction

our ventilators are constructed using a high quality revolutionary aluminium alloy with a flurocarbon polyester coating.

This Coating creates a corrosion resistant ventilator superior to others on the market. Its super light weight allows for a greater speed spin sensitivity starting at only 0.12 metres per second.

our ventilators contain a high quality sealed and self-lubricating NSK axial bearing and reinforced supports.

Note: Ventilators not powdercoated by Roofquip Ltd will result in the warranty being void. Please contact us to discuss powdercoating options

10 YEAR WARRANTY



IN-COUNTRY VALUE CERTIFICATE

Certificate No.: **147678**
Issue Date: **18.11.2025**
Valid Until: **17.11.2026**

LEAK LOCK INSULATION CONTRACTING L.L.C

12.81%

Company General Information
License No.: **1373716**
Company Type: **SME in UAE**
Financial Year End Date: **31.12.2024**
Company Based In: **Within UAE**
Company Business: **SERVICE PROVIDER**

For Cases of Re-Certification
Re-Certification (*) No.:

Reason for this Re-Certification

Scan the QR code to verify status

Signed By
On behalf of Supplier

Name:
MUHAMMAD FARIS KHAN MUHAMMAD DILAWAR KHAN

Designation:
Chief Operating Officer

Verified as per ICV Agreed Upon Procedures (AUP)
On behalf of Certification Body

Name:
Muhammad Aaliyan Ibrahim

Designation:
Approver

Electronically signed by Muhammad Aaliyan Ibrahim

Company:
Assist Plus Accounting and Auditing Services

Certificate Issued Based on ICV Version: 3.0

ICV برنامج المحتوى الوطني
EAK LOCK

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

TEST REPORT ON HEAT RESISTANCE

Contractor	Leak Lock Insulation Contracting L.L.C		
Sample Description	Roof Cladding	Lab Report No.	WD-R-250709-1173
Source	Leak Lock Insulation Contracting L.L.C	Request No.	WD-Q-250709-0196
Client Reference	For All Leak Lock Insulation Contracting Customers	Sample No.	WD-S-250709-2245
Test Method	ASTM D2485-22 / IHP	Wimpey Ref no	250709005
Test Temperature	120°C	Date Received	09/07/2025
Test Duration	24 Hours	Date Tested	14/07/2025-15/07/2025
Relative Humidity	50%	Date Reported	16/07/2025
Room Temperature	23°C	Tested By	UM

Procedure:

- The Cured Panels were exposed to hot air oven for 24 Hours at 120°C.
- After completion of the test duration the specimen is removed from the furnace and cooled to room temperature.
- The Specimens Physical conditions were evaluated.

Test Result

Test	Inference	Result
Temperature Resistance at 120°C	No cracking or delamination observed on the test sample.	Pass
Dry Film Thickness	Min-Max (µm)	24.5 - 64.8
	Average (µm)	35.06
Observation	No failure or damages observed Visually	
Final Result	Satisfactory	

Remarks: None

Signed for and on behalf of Wimpey Laboratories LLC

S.Sarath Kumar
Laboratory Manager

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

End of test.

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

Lab Report No: WD-R-250709-1173

Sample No: WD-S-250709-2245

ANNEXURE – A

PHOTOS

BEFORE:



AFTER:



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E-mail: info.dxb@wimpeylab.com Website: www.wimpeylab.com

COOLTHERM # 6000

General Description:

COOLTHERM 6000 is an elastomeric insulating coat based on high grade acrylic resin and fillers to provide a thermal insulation to a wall surfaces and roof. It is formulated to protect the substrate from efflorescence and aggressive agent present in the environment and serve as a waterproofing. When applied directly to rust will convert iron oxide to iron sulphate, thus preventing further rusting problems.

Advantages:

- Non-toxic
- Good adhesion properties.
- Repels water vapour and humidity.
- Allows the release of any moisture coming up from the ground by capillary action.
- Protect the formation of fungus and algae.
- Anti condensation and high thermal insulation property that reduce up to 40%.
- Inherent flexibility to accommodate hairline cracks in the substrate.
- High build maintenance finishes
- Ease of application.

Characteristics and Physical Properties:

Colour	White & Pigmented
Gloss	Eggshell
Specific weight	1.000 +/- 0.005 kg/L
Solid Content (%W)	60
Coverage	2 – 3 m^2/L @ 200 microns
Touch dry	1 – 2 hrs.
Recoat	5 – 6 hrs.
Shelf life	12 months
Flash point	65ºC
Dilution	Water
VOC	37 g/L
Application	By brush, roller and airless spray gun

Surface Preparation:

New Substrates:

- Substrate must be free from any form of contaminants.
- Apply 1 coat of LOCK Masonry AR Primer as impregnating sealer for concrete.
- Apply 1 – 2 coats of COOLTHERM 6000.

Old Concrete (previously painted)

- Remove all blistered, cracked and peeled off paint from the surface.
- Penetrated paint must be cleared and treated with 3% ammonia and water.
- Glossy finish coat must be sanded.
- Apply 1 coat of LOCK Masonry AR Primer as impregnating sealer. Apply 1 – 2 coats of LOCKTHERM 6000

Metal

- Surface to be coated must be free from other contaminants (oil, grease and other foreign matters.)
- Apply LOCKTHERM 6000 at the rate of 200 micron to attain the required specifications.

Method of Application:

Instruction for use	
Airless Spray	
Recommended Thinner	Sweet water
Volume of Thinner	Approx. 0 – 5%
Nozzle orifice	0.46 – 0.53 mm.
Roller	
Recommended Thinner	Sweet water
Volume of Thinner	Approx. 0 – 5%
Cleaning	Sweet water

Typical Recommended System:

Concrete

LOCK Masonry AR Primer	1 coat
COOLTHERM 6000	1-2 coats

Metal

LOCK Aqua Metal Primer	1 coat
LOCKTHERM 6000	1-2 coats

Storage:

The product must be stored in accordance with national regulations. The product should be kept in a cool and well-ventilated place, protected from heat and direct sunlight. Containers must be kept tightly closed.

Cleaning of Tools:

All tools should be cleaned with water.

Packing:

Available in 20 liter (Pail)

Precautions:



See Safety Indication Sheet.

The above information is given to the best of our knowledge based on laboratory test and practical experience. However, as the paint is often used under condition beyond our control, we cannot guarantee anything but the quality of the paint itself. We reserve the right to change the given data without prior notice.

LEAK LOCK INSULATION CONTRACTING LLC
DUBAI, U.A.E
MOB: 0097152 4888950

Technical Data

NaturalLite Single skin

TOLERANCES

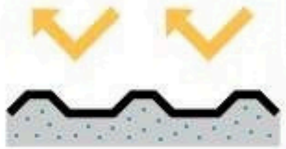
In accordance to ASTM D3841

LENGTH	THICKNESS	SQUARENESS	WEIGHT
± 6mm for sheets less than 4.9m, 19+mm if sheets exceed 4.9m	± 10%	Within 3.2 mm of square	± 10%

PHYSICAL PROPERTIES

PROPERTY	VALUE	UNIT	STANDARD
Thickness	1-3	mm	ASTM D3841
Tensile strength	102.7	MPa	ASTM D638-14
Flexural strength	216	MPa	ASTM D790-14
Flexural modulus	7.6	GPa	ASTM D790-14
Barcol hardness	40-50	Barcol	ASTM D2583-13
Glass content	23	%	ASTM D1371-11
Service Temperature	-20 to 80	Degrees Celsius	ASTM D1371-11
Fragility	Non fragile Class B	-	ACR[M]001
U-Value	5.5 W/m²K	-	ASTM C518

OPTICAL PROPERTIES



SHEET THICKNESS	LIGHT TRANSMISSION
1.0 mm	80-85 %
1.3 mm	75-80 %
1.5 mm	70-75 %
2.0 mm	65-70 %
3.0 mm	60-65 %

* CUSTOMIZED COLORS CAN BE FORMULATED TO ACHIEVE A WIDE RANGE OF OPTICAL PROPERTIES.

Clients

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