



# Marathon Sealing FZE

**Marathon Sealing FZE**  
Ajman Free Zone  
SM-Office B1 - 419H  
P.O.Box:40489  
Tel: 0097 16 7454642  
Fax: 0097 16 7454643  
Ajman – UAE  
info@marathonsealing.com  
www.marathonsealing.com

## Marathon Sealing FZE – Company Portfolio



## General Business Information

- **Business Name:**  
Marathon Sealing FZE
- **Head Office Address:**  
Office 419H – Building B1 – Ajman Free Zone – Ajman – UAE  
POBOX: 40489
- **Phone & Fax Number:**  
T. 0097-16-7454642, F.0097-16-7454643
- **Website Address:**  
[www.marathonsealing.com](http://www.marathonsealing.com)
- **Company Status:**  
Free Zone Establishment – General Trading including supply and services

## **Business Details**

- **Date of Creation:**  
26.05.2011

- **Main areas of business activities and services:**

### **1- Contracting services and EPC projects – Supply and Apply:**

- Asphalt Crack Sealing and Joint Sealing on roads, Highways, Runways, and Airfields.
- Concrete Crack Sealing and Joint Sealing on roads, highways, runways, and airfields.
- Pavement seal coating





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## 2- Supply of pavement maintenance products:

### Material:

- Hot & Cold applied rubberized sealant
- Bitumen and Silicone sealants
- Emulsion & sealers

### Machinery and Equipment:

- Light weight asphalt roller
- Asphalt and concrete router
- Asphalt haulers and transporters
- Bitumen and emulsion spreader
- Asphalt and concrete Infrared heater and patching equipment
- Mastic Mixer for pothole repairs
- Seal coating equipment
- Rubberized sealing kettles and melters
- Light line marking & striping machinery
- Bitumen and emulsion applicators
- Hot applied sealant applicator
- Coating equipment



- **Principal clients, Industry sectors, and Geographies:**

Middle East, Africa, and Asia – Sister company in Canada, Toronto

1. Civil Aviation Authorities (Airfield (Asphalt) Maintenance Dept. or Head of Engineering Department).
2. Air force authorities (airfield maintenance or engineering department).
3. Port authorities (pavement engineering or maintenance section).
4. Road and Highways Maintenance Department (Road Ministry).
5. Road & Highways Maintenance Department (municipality).
6. Private and governmental pavement and construction contractors.



**Existing clients and references:**

- 1- Sealant & equipment Supply to UAE & Oman major airports.
- 2- Equipment Supply to GCC.
- 3- Equipment & material supply - Qatar
- 4- Various Crack sealing projects in UAE
- 5- Crack sealing Project supply – UAE
- 6- Crack sealing project for RTA – UAE
- 7- Different bridge Joint Sealing projects – UAE
- 8- Joint Sealing project equipment supply - Egypt
- 9- Sealant supply and Joint Sealing project - UAE
- 10- Crack Sealing project and material supply – Saudi Arabia
- 11- Crack Sealing project and material supply - Iran
- 12- Supply of sealant and equipment - Turkey
- 13- Supply of crack sealing equipment and sealant - Libya
- 14- Supply of crack sealing equipment and sealant - Maldives



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## **Business Capacity**

### **Human Resources:**

Management & Sales:

4

Team of crack sealing:

2

- Number of Employees:

20

### **Financial/Banking:**

- Rak Bank

### **Equipment and Machinery:**

- 3 complete sets of crack sealing equipment
- 2 sets of trucks, air compressors, and light weight asphalt repair equipment
- Depot of hot applied sealant material





## Technical:

### Company Capacity for the Project in Terms of Qualifications and Certifications:

Marathon Sealing FZE is the agent of Marathon Equipment Inc. From Canada at Middle East and Africa who has got an extensive sales records in the past decade. Our services include supply and apply of pavement sealing products such as crack routers, rubberized sealing kettles, hot asphalt haulers, transporters and seal-coating equipment as well as quality sealant material. Marathon's



technology is helping various organizations and government agencies in saving money and energy by providing advanced equipment, sealant material, and know-how for **Asphalt & Concrete Crack & Expansion Joint sealing.**

This technology has been proven in many countries that can save a significant amount of money for stake holders and road authorities. This technology has demonstrated an excellent result when it is applied on the proper cracks at the right time. The sealing of the pavement will extend service life and postpone expensive repairs such as milling and asphalt overlays.

Our sealant is enjoying several approvals from organizations and consultants in UAE and Qatar as well as Test results from Dubai Central Lab. As independent Lab. Results in compliance with our sealant technical specifications.

### **Marathon Method Statement of Work in company capacity:**

#### **Asphalt Crack sealing maintenance with Hot Applied sealant material D200**

#### **Proper Crack Sealing Jobsite:**

- 1- Surrounding pavement shall be in Min. 70% good condition or Min. PCI 70.
- 2- Jobsite selection and types of cracks to be addressed and suitability for crack sealing are:

- Longitudinal & Lateral Cracks
- Transverse Cracks
- Thermal Cracks
- Blocking Cracks (with low and Medium Tension)
- Crack Width: Starting from 4 mm to Max. 30 mm

#### **The following cracks are not suitable for the sealing jobs:**

- Alligator Cracks
- Blocking Cracks with high tension
- Cracks resulting from the failure of base layers and settlement



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## Procedures:

### **Item 1 – CREATION OF THE RESERVOIR BY MARATHON CRACK ROUTER CR260 K – DRY ROUTING**

Routing and creating reservoir on the existing cracks as per client location advice with the router machine Marathon CR 260K with a nominal 15 mm to Max. 30 mm width, and to Maximum depth of 20 mm.

Operator can guide the router on the cracks and follow them.



## Item 2 – CLEANING OF THE ROUTED CRACK IN TWO STEPS

### ***STEP 1-***

Cleaning of the surface and surrounding pavement of the routed crack/joint out of any debris by WIND BLOWER machine.



### ***STEP 2-***

Cleaning inside of the routed joint/crack with air compressor out of any loose material or debris before application of the sealant, simultaneously heating the crack with Hot Air Lance using Gas.





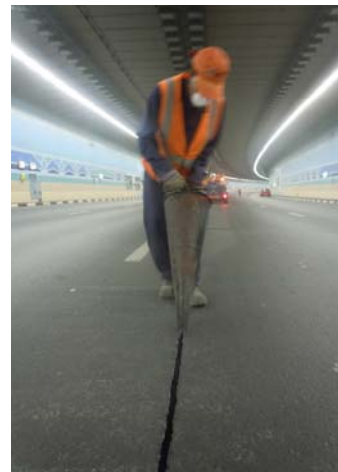
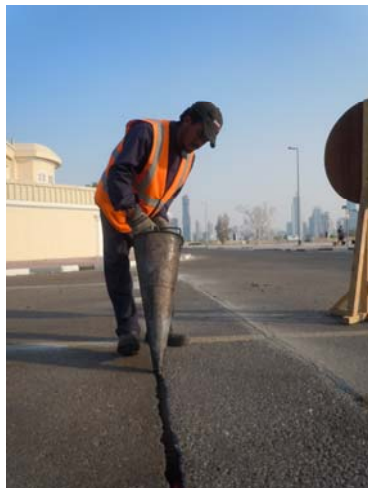


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### **Item 3 – APPLICATION OF THE RUBBERIZED HOT APPLIED SEALANT MATERIAL WITH OIL JACKETED KETTLE EQUIPPED WITH CONES**

Supply & apply the sealant material D200 per attached specification at recommended application temperature into the routed crack/joint (Sealant material supply by the contractor) with the specialized Oil Jacketed Kettle (Marathon UCMK245 DT) using cones. The material will be heated through thermal oil indirectly. Kettle is equipped with oil jacketed tank for indirect heating of the material as well as Hydraulic system for constant agitation and movement. The kettle is equipped with the thermostat, material, and oil temperature control gauges. (Kettle Catalog is attached). In case of need, sealant will be leveled with a screed shoe.

The sealant surface with pavement will be checked after cooling, if the refill is needed.



**Item 4 – SPREADING PORTLAND CEMENT POWDER ON TOP OF THE APPLIED MATERIAL FOR FASTER CURING TIME (IF NEEDED TO BE OPENED TO TRAFFIC FASTER)**

If needed, spread normal Portland cement on top of the sealed cracks in order to open the traffic faster on the jobs.



**Item 5 – PERFORMED JOB MEASUREMENT**

The performed jobs will be measured and preceded at each shift by both parties' representatives with measuring wheel. Nominal 500 to 1000 linear meter of crack sealing can be performed per full shift/day.





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