

www.shieldeg.com



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About Us

SHIELD is an organization for specialized construction which **Started** in 2003 under the Name of Target contracting. In 2018 Dorra group ac quired the company under the name of Shield specialized construction to be member of Dorra group since then.

Here under a brief for our company experience.

Shield has a proud heritage of success; our continued success is based upon unchanged principles of delivering a high quality, efficient and friendly service to all our customers.

Our approach to construction work has developed a track record of customer satisfaction and we aim to develop long term relationships with both existing and new clients.

Before any work even begins, we analyze the brief and create a strate - gy that gets you results. From that point, Shield is a professional, cus - tomer-focused company with a proud track record of successful project completion, delivered by dedicated staff and skilled operatives, experi - enced in a wide range of specialist techniques.



Our workforce is the key to our success. Our Management team is al ways quick to respond, extremely technically aware, proactive, profes sional and flexible. We employ and train our own operatives because we believe this is the only way to deliver the quality that our clients expect. We are proud to say that, within our field, we employ some of the best calibers in our field.

We are fortunate to work with all leading material manufacturers which means we have the freedom to search across the board to ensure our clients always have the best specification tailored to their individual re quirements.

And after achieving 20 years of achievements in the Egyptian market, and looking-forward for expanding our success story. We decided to open a new channel and extend our scope to be regional instead of local





INSULATION WORKS

we are specialized in all kinds of water proofing and thermal insulations such as

- bituminous sheets
- polyethylene sheets PVC
- cementitious coating
- Epoxy materials
- EPDM
- leakage injection (polyurethane cementitious) foam boards

N.B: we also provide consulting services for water leakages and insulation defects



- PVC Automatic welding machine
- Bituminous membrane torch & gas cylinder EPDM, PVC & polyethylene welding machine
- Drilling mixer Airless Machine















PROTECTION WORKS

Epoxy Systems play a major role in meeting the standards required for high quality flooring. Especially in public buildings like hospitals or food processing plants, where hygienic floors are of the utmost importance, epoxy coatings are the preferred choice because they allow stronger cleaners to be used.

They also provide high resistance to abrasion, tear and corrosion, which are needed in the case of high traffic spaces.

EQUIPMENTS:

- Shot Blast Machine
- Surface GrindersAirless Machine
- Surface Grinders
- Surface Grinder
 Drilling Mixers
- Mortar Epoxy Mixers
- Vacuum Machines
- Sand Blast Machines
- Dust Free Grinders

Additionally, epoxy technology equips architects with a tool to design floors in various shapes and colours, making buildings and open spaces more attractive, our firm specialized in thefollowing protection works:

- Epoxy coatings
- Acrylic coatings
- Epoxy Self Leveling Works
- Epoxy Walls & Ceilings Coatings
- Anti-Static

- Polyethylene coatings
- Epoxy Mortar Works
- Decorative Epoxy Floors









CONCRETE FLOORING WORKS

We accomplished Casted reinforced and plain concrete floors, Stamped Concrete floors for several major projects all over Egypt.

Finishing of the concrete floors by mechanical methods as per the below mentioned equipments.

EQUIPMENTS:

- Helicopter Machine
- Concrete Saw cut Machine
- Concrete Mixers









REPAIRING WORKS

A study is carried out at the beginning of a project to collect information about the structure; In-depth condition survey shall be made of the visible and not readily visible defects of a structure to address the root causes of the damage. This will be used to assess the ability of the structure to perform its function; Based on the assessment of the survey, the owner has a number of options to be selected while deciding the relevant actions to meet the future requirements of the structure,

through our professional journey we were able to implement and master the following repairing works:

- Fixing & implanting anchors- Shot Crete works
- Sand Blast works
- Repairing construction works by using (Carbon Fiber Sheets)
- Fair facing concrete works

EQUIPMENTS:

- Drilling Machines
- Injection Machine
- Sand Blast Machine
- Shot Crete Machine - Vacuum Machines
- Air Compressor Machines









EXPANSION JOINTS

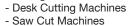
Joints sealants usually fail from a combination of factors that can be summed up as follows - a lack of attention to detail. Too of ten, since the sealants are a small percentageof the work, they are perfunctorily specified, easily substituted, and haphazardly applied. Yet successful joints require meticulous design, precise sealant se lection, and painstaking application, our wide experience in sealant material selections,

technical functions and application made us reach the success ful function and looks of our joints as per the below activities:

- Filling jointsRepairing expansion joints
- Cutting & opening joints
- Architectural Expansion Joints Applications
- Architectural Complementary
- Products Applications



- Sealant Guns
- Blower Machines
- Drilling Machines











Lightweight or Foam Concrete

Foam concrete is a type of lightweight, porous concrete where its density is less than that of regular concrete.

It's a mixture of cement, water, special chemicals (Foaming Agent), and light and coarse aggregate. The previous materials are settled into the a special machine that mixes

the concrete with the foaming agent, causing air bubbles or voids to infiltrate the mixture, increasing its volume while simultaneously decreasing it's weight.

This mixture is commonly used for, but not limited to, concrete slopes as its light weight is suitable for such locations while having a smooth surface that can be further smoothed if need be. In addition, the air voids created inside the mix itself increases the thermal insulation of the whole system as it works as a basic insulator for heat transfer.

EQUIPMENTS:

- **-Concrete mixer:** A special concrete mixer with a slower mixing speed and less mixing intensity must be used to prevent damage to the lightweight concrete aggregates during mixing.
- -Concrete placement machines Pump: These special machines are designed to deliver the lighter weight concrete mixture to difficult-to-reach construction sites, such as tall buildings or elevated structures, using a boom or a cable.













El Alamein New City -Multi-Purpose Tower LD05.

Location: El Alamein New City - Multi-Purpose Tower

LD05.

Our scope: PVC waterproofing of the substructure of the

45-storey tower and podium

Total Quantities : 80,000 m²

Main contractor : CRC(Dorra).

Consultant; ECG.









El Alamein New City - Retail and Entertainment Area E001-E002.

Location: El Alamein New City

Our scope: Insulation works for landscape using EPDM; Building roofing using TPO Retaining walls and substructure

WP using bituminous membrane. Total Quantities : 73,000m² Main contractor : CRC (Dorra).

Consultant; ECG.









Zone R5

Location: New Administrative Capital

Our scope: Insulation Works - Bituminous WP for reatining walls and Raftture WP using bituminous membrane.

Total Quantities : 165,000m² Main contractor : Samcrete

Consultant; ECG.









Mivida - Parcel 1A Parcel 13 / Parcel 43

Location: New Cairo

Our scope Insulation Works - PVC WP for villa roofs and Insulation Works Bituminous membrane WP for

roofs, retaining walls and fences.

Total Quantities : 70,000m²

Main contractor : CRC (Dorra).

Consultant ; Turner / AMG.









Misr University for Science and Technology

Location: 6th of October

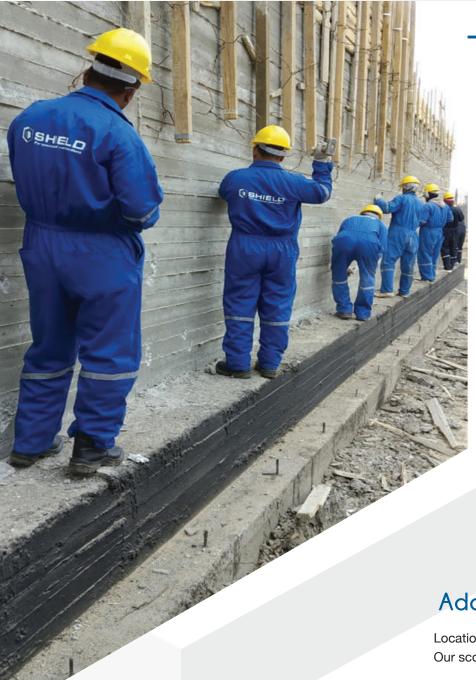
Our scope: Insulation Works - Bitumnous membrane WP

Total Quantities : 47,000m² Main contractor : Samcrete. Consultant ; Hamza Consultants









Address East

Location : New Cairo

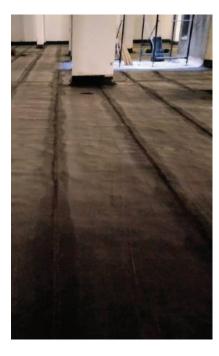
Our scope: Insulation Works - Bitumnous membrane WP and Reatining walls WP by Xypex

Total Quantities: 85,000m² Main contractor : CRC (Dorra).

Consultant: EMDC (Member of Dorra Group)









Mivida - Parcel 44

Location : New Cairo

Our scope: Insulation Works - Elastomeric Cemetitious WP

and PVC for lake

Total Quantities: 18,200 m² **Main contractor**: CRC (Dorra). **Consultant:** Turner / AMG.









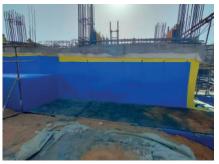
Four Season Luxor

Location : Luxor

Our scope: Insulation Works - Using PVC for horizontal Foundation and vertical Elements and retaining Walls

Total Quantities: 37,000 m² Main contractor: Atrium **Consultant:** Shaker









NERIC

Location : East Portsaid

Our scope: Insulation Works -PVC waterproofing for substructure

Total Quantities: 15,000m² **Main contractor**: Samcrete

Consultant : ACE Moharram Bakhoum









New Giza University Phase 2

Location : Giza Plateau

Our scope: Insulation Works - Bituminous membrane WP,

Expansion joint, Epoxy and Fire Rated Sealant

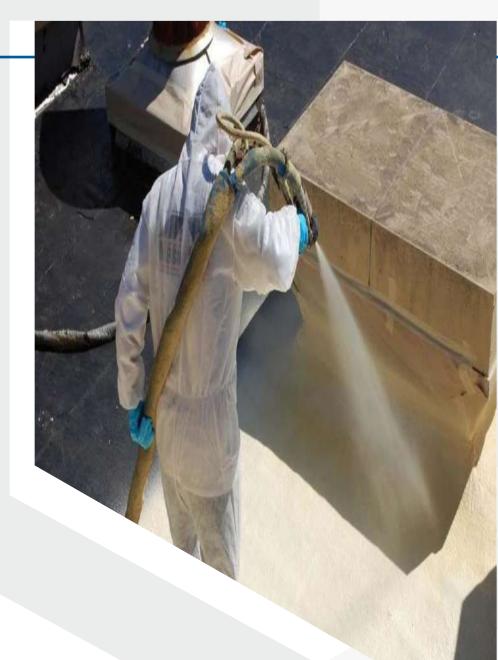
Total Quantities: 40,000 m² **Main contractor**: CRC (Dorra).

Consultant: RMC









Village West

Location : New Cairo

Our scope: Roof Waterproofing - PU Foam, (Sika Combo Roof System)

Total Quantities: 35,000m² **Main contractor**: CRC (Dorra).

Consultant : RMC









Taj City

Location: Cairo-Suez Road

Our scope: Insulation Works - Elastomeric

Cemetitious WP for reatining walls

Total Quantities : 70,000 m²

Main contractor : Group, Alpha, Redcon, Medcom

and El Nasr

Consultant: ACE Moharram Bakhoum









La Vie

Location : Al Mamoura Alexandria

Our scope: PVC waterproofing of the substructure

Total Quantities : 8,600 m² Main contractor : Al Amir

Consultant: Arab African Consulting Office







<u>Land Mark Projects</u>							
No.	Name of Project	Main contractor	Quantity	Project Consultant			
PVC Compartment System							
1	El Alamein New City - Multi- Purpose Tower LD05	CRC (Dorra)	62,000 m2	ECG			
2	La vie	Al Amir	8,600 m2	Arab African Consulting office			
3	Mivida 1A Parcel	CRC (Dorra)	20,000 m2	AMG			
4	Mivida 44 Parcel Lake	CRC (Dorra)	18,200 m2	AMG			
5	Four Season Luxor	Atrium	37,000 m2	Shaker			
6	Neric	Samcrete	15000 m2	ECE / Shaker			
EPDM							
7	El Alamein New City - Retail and Entertainment Area	CRC (Dorra)	30,000 m2	ECG			
TPO							
8	El Alamein New City - Retail and Entertainment Area	CRC (Dorra)	15,000 m2	ECG			
9	Dyar El Rabwa	Diar Al-Rabwa For Housing & Tourism Development Co.	20,000 m2	ЕЕРМ			
Polyuria							
10	International Confrance Hall - Sharm El Sheikh	Detac	23,000 m2	Cosmos			
Combo Roof - Sika System							
11	Village West	CRC (Dorra)	35000 m2	CDEC			
Bituminous Membrane							
12	Mivida New Cairo - Parcel 1A / Parcel 13 / Parcel 43 / Parcel 31	CRC (Dorra)	70,000 m2	Turner / AMG			
13	New Giza University Phase2	CRC (Dorra)	40,000 m2	RMC			
14	Address East	CRC (Dorra)	85,000 m2	EMDC (Member of Dorra Group)			
15	Seashell Playa	RME-G	30,000 m2	Alchemy Consultant			
16	Alburouj Capital	CRC (Dorra)	23,000 m2	EHAF			
17	New Administrative Capital - D3 /D4 /Mixed Used Buildings	CRC (Dorra)	45,000 m2	5+UDC			
18	Misr University For Science and Technology	Samcrete	47,000 m2	Hamza Consultants			
19	Palm Hills Alamien	CRC (Dorra)	16,000 m2	ECG			
20	New Administrative Capital - Zone R5	Samcrete	165,000 m2	ECG			





Four Seasons Hotel - Nile Plaza

Location : Garden City -Zamalek

Our scope: Epoxy Paints
Total Quantities: 18,000 m²

Main contractor : Detarget / Nova Park

Consultant: Engineering Department for Four Season









Central Bank of Egypt Al-Mansura 8 Branch

Location : New Administrative Capital.

Our scope: Anti Static Works, Epoxy Works, Insulation

Works For Water Tanks

Total Quantities : 10,000 m²

Main contractor : Edge / SIAC

Consultant: Cosmos









Capital Business Park Phase 1

Location: 6th of October Sheikh Zaid.

Our scope: Epoxy Works
Total Quantities: 45,000 m²
Main contractor: CRC Dorra
Consultant: Khatib & Allami











Location: New Administrative Capital

Our scope: Screed work + Epoxy for Basment c11, c12

Total Quantities: 40,000 m² **Main contractor**: CSCEC **Consultant:** Dar









Ministry of Foreign Affairs.

Location : New Administrative Capital.

Our scope: Epoxy Works
Total Quantities: 15,000 m²
Main contractor: Edge / SIAC
Consultant: Dar al-Handasah









Al Alamien Entertainment Area

ECG

Location : New Alamien City
Our scope : Epoxy Works
Total Quantities : 37,000 m²
Main contractor : CRC Dorra



Consultant:





<u>Land Mark Projects</u>							
No.	Name of Project	Main contractor	Quantity	Project Consultant			
Anti-Static Anti-Static							
1	Central Bank Of Egypt	EDGE	4700 m2	Cosmos			
2	Factory 99 (Army Factory)	De-traget	1000 m2	Ministry of Defance			
3	Brigat Air Force Factory	De-traget	1100 m2	zaghw Associate			
Ероху							
4	Four Seasons Garden City	De-traget	18,000 m2	The Engineering Department of Hotel			
5	The Central Business District Of The New Administrative Capital Of Egypt	China State Construction Engineering Corporation	40,000 m2	Dar			
6	Cairo Festival City	CRC (Dorra)	20,000 m2	ACE Moharram Bakhoum			
7	New Giza University	CRC (Dorra)	5,000 m2	RMC			
8	Alamein Towers	CRC (Dorra)	4,000 m2	ECG			
9	Central Bank Of Egypt	EDGE	10,000 m2	Cosmos			
10	El Alamein New City - Retail and Entertainment Area	CRC (Dorra)	37,000 m2	ECG			
11	Capital Business Park	(Dorra)	45,000 m2	Khateb&Allami			
12	New Administrative Capital - Ministerial Buildings	RME	10,000 m2	Dar			
13	Ades Offices	Hills Integrated Construction Services	8,000 m2	Hills Integrated			
14	Dubai World Ports	RME	4,000 m2	Peter office			
15	Ministry of Foreign Affairs	Edge	15,000	Dar al-Handasah			





Siemens Warehouse

Location : Ain El Shokhna Our scope : Access Hatch Total Quantities : 10

Main contractor : Man Corp./ RME

Consultant: Cosmos











Location : New Administrative Capital Our scope : Architectural expansion joints

Total Quantities : 3,000 L/m Main contractor : Samcrete.

Consultant: Dar al-Handasah / ECG









New Administrative Capital Administrative Control Building

Location : New Administrative Capital Our scope : Architectural expansion joints

Total Quantities : 3,000 L.m Main contractor : Concord

Consultant: Dar al-Handasah / ECG









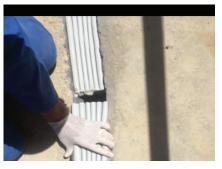


Location : New Administrative Capital Our scope : Fire shield expansion joints

Total Quantities : 1,600 L/M Main contractor : Orascom

Consultant: Engineering Authority of the Armed

Forces (EAAF) / Sabbour Consultants









CENTRAL BANK OF EGYPT Mansoura branch

Location : New Administrative Capital

Our scope : instaling of heavy duty expansion joints

Total Quantities : 2,200 L.m Main contractor : Edge

Consultant: Dar al-Handasah / ECG









Bani Suief Combined Cycle power Planet Cooling Towers Repairing

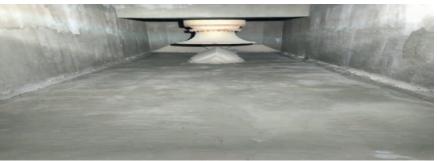
Our scope: Cooling Towers Repairing

Total Quantities: 30,000m² **Main contractor**: Elsweedy PSP

Consultant : PGESCO & Cairo University







<u>Land Mark Projects</u>				
No.	Name of Project	Main contractor	Quantity	Project Consultant
Expansion Joints				
1	Central Bank Of Egypt	Edge	2,200 L/m	Cosmos
2	Al-Kayan Main Building	Orascom	1,600 L/m	Engineering Authority of the Armed Forces (EAAF)
3	New Administrative Capital Ministerial Neighbourhood	Samcrete	3,000 L/m	Dar al-Handasah / ECG
4	New Giza University	CRC (Dorra)	1,200 L/m	RMC
5	Administrative Control Building - New Administrative Capital	Concord	3,000 L/m	Dar al-Handasah / ECG
6	Golden Beach	CRC (Dorra)	2,000 L/m	ЕЕРМ
7	Al Galala Resort	ManCorp	3,000 L/m	Pavilion
8	Al Masa Hotel	ManCorp	1,200 L/m	ECG
9	Al Galala University	Beta Egypt	2,500 L/m	Pavilion
Repair				
10	Beni Suef Power Plant Cooling Towers Repairing	Elswedy Electric Power System Projects (PSP)	30,000 m2	PGESCO
11	Misr University For Science and Technology	Samcrete	40,000 m2	Hamza Consultants





Palm Hills

Location : New Cairo

Our scope: Insulation Works - light weight Concrete Foam

Total Quantities: 16,000 m² Main contractor: CRC (Dorra). Consultant: Shaker









Four Seasons Sharm Elshiekh

Location : Sharm Elshiekh

Our scope: Insulation Works - light weight Concrete Foam

Total Quantities: 2000 m² **Main contractor**: Atrium. **Consultant**: Shaker









Seashell Playa

Location : El Alamein New City

Our scope: Insulation Works - light weight Concrete Foam

Total Quantities: 7000 m² **Main contractor**: RME-G

Consultant : Alchemy Consultant









The Residential area of the Egyptian Japanese University

Location : Borg El Arab - Alexandria

Our scope: Insulation Works - lightweight Concrete Foam

Total Quantities: 9,500 m²

Main contractor: Al-Shorouk construction

Consultant : MZECH











Park INN - Radisson 4 Star hotel

Location: Quriyat Bamah - Oman

Our scope: PVC Compartment System waterproofing

Total Quantities: 6500 m²

Main contractor: United East Project

Consultant: Rayan International Design L.L.C









CHEDI VILLAS, LUXURY HOTEL

Location : Ras ElHadd - Oman

Our scope: Insulation Works - Bituminous membrane WP for Roof and Cemetitious

WP for Wet Area

Total Quantities: 25000 m²

Main contractor: AI JABER ENGINEERING SPC

Consultant : DAR







List of Contractors we worked with











































List of Suppliers









































Approved Applicator Certificate

Shield Specialized Construction Co. Project: Entertainment Area - DORRA - New Alamin

is a Recommended (Approved) Applicator for the following applications of Sika-Products:

[shield team] the Recommended Approved Applicator has received practical training in the proper storing, preparation and application of the Sika-Products.

The Recommended (Approved) Applicator is aware of the relevant Sika Product Data Sheets and all other technical documentation.

This Confirmation is valid for one year from its date of issue and may be renewed subject to the Recommended (Approved) Applicator successfully completing any training courses required by Sika.

Sika is not responsible for the Recommended (Approved) Applicator's compliance with Sika's guidelines or training instructions or any other requirements of third parties. Sika is not liable for any acts or omissions of the Recommended (Approved) Applicator arising in any way, including, but not limited to, any breach of contract; or any tort (including negligence); or any breach of statutory duty.

This certificate is given to shield in accordance of their request without any responsibility on the Sika Egypt Company.

Place: Cairo Date: 22. 06.2020 Sika Egypt





Approved Applicator Certificate

MBS Construction Chemicals Egypt certifies that

Shield for contracting

have been registered as a trained Applicator

and demonstrated competence in applying the following MBS Construction Chemicals Egypt

products

Range: General

Project: MUST University - 6th October

This Certificate is given based on past performance and in no way gives any guarantee of future performance

For and on behalf of MBS Construction Chemicals Egypt

General Manager Egypt Mobile: +2 01227443743



Valid from: 9 March 2021 Valid till: 31 December 2021



MASTER® »BUILDERS

Approved Applicator Certificate

BASF Construction Chemicals Egypt certifies that **Shield For Specialized Constructions**

have been registered as a trained Applicator and demonstrated competence in applying the following BASF Construction Chemicals products

Water Proofing & Epoxy Range

This Certificate is given based on past performance and in no way gives any guarantee of future performance

For and on behalf of

BASF Construction Chemicals Egypt

Eng. Emad Essam Egypt Country Manager **ACI Concrete Construction Special Inspector** Mobile: +2 01227443743

Eng. Hisham Saad Marketing Manager hisham Mobile: 01227443320

Valid from: 15 May 2019 Valid till: 31 December 2019







Approved Applicator Certificate

This is to confirm that

Shield Specialized Construction Co. Project: AURA - CFC

is a Recommended certified Applicator for the following applications of Sika-Products:

(Waterproofing the wet greas using Sika Topseal 107 application works)

[shield] Recommended Certified Applicator is aware of the relevant Sika Product Data Sheets and all other technical documentation.

This Confirmation is valid for one year from its date of issue and may be renewed subject to the Recommended (Approved) Applicator successfully completing any training courses required by Sika.

Sika is not responsible for the Recommended (Approved) Applicator's compliance with Sika's guidelines or training instructions or any other requirements of third parties. Sika is not liable for any acts or omissions of the Recommended (Approved) Applicator arising in any way, including, but not limited to, any breach of contract; or any tort (including negligence); or any breach of statutory duty.

This certificate is given to shield in accordance of their request without any responsibility on the Sika Egypt Company.

Place: Cairo Date: 12. 01.2021

Sika Egypt

SIKA Egypt

1st Industrial Zone (A) Section # 10 Block 13035 El Obour Egypt
Phone: +202-46100714 (8 Lines) - Fax: +202-46100759 www.sika.com.eg





كماحة مجاول معتمد

الاستورية فتي 1/1/2019

تشمد شركم / بروكيم الكيماويات المتحسمة بأن

خركم / خياد الأنشاءات المتحصم

رقم سيل تباري / 127908

وقع الرطاقة الصويبة / 594 – 180 – 560

مو مقاول معتمد لدينا في الاعمال التحسيسم (أعمال العزل – أعمال الارسيات –

أعمال التدميم)

- محقة الشماحة سارية جني 2019/12/31

بروكيم للكيماويات المتحصم









Ref: 23/MS3/SE Date: January 9, 2019

TO WHOM IT MAY CONCERN

We, Nile Waterproofing Co SAE "BituNil" here by confirm that "Shield Specialized Construction "6 El Sheikh Ahmed Ibrahim Street , Hellopolls, Represented by Eng. Amr Haggag, is one of our approved applicators

They have sufficient experience in installing our products:

- Modified Bitumen Membrane
- TPO

This certificate has been issued upon the request of "Shield Specialized Construction "and does not imply any contractual obligations on our part. This certificate is Valid until December 31st 2019 has to be renewed annually. For Nile Waterproofing Co. S.A.E., BITUNIL

Aw Badar Eng.Amr Badawy Commercial Director

B Béton

XYPEX agent Egypt, consulting, building aterials, & concrete waterproofing.

شهادة مقاول معتمد لعام ٢٠٢١

إلى من يهمه الأمر:

تعتمد مؤسسة بيتون، مهندس/ عمرو سعد، الوكيل الوحيد لشركة XYPEX U.K. بج.م.ع.

شركة شيلد للإنشاءات المتخصصة

كمقاول عزل بإستخدام مواد Xypex المستوردة من إنجلترا بمعرفتنا.

و هذه شهادة منا بذلك

مدة الشهادة: عام واحد وتجدد سنويا.

وتفضلوا بقبول وافر الاحترام

مهندس/ عمرو سعد المدير العام لشركة بيتون وخبير العزل الخرساني والمواد الكريستالية بكلية الهندسة، جامعة فاروس.



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