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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 acquired 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 strategy that gets you results. From that point, Shield is a professional, customer-focused company with a proud track record of successful project completion, delivered by dedicated staff and skilled operatives, experienced in a wide range of specialist techniques.



Our workforce is the key to our success. Our Management team is always quick to respond, extremely technically aware, proactive, professional 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 requirements.

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



SERVICES



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

EQUIPMENTS:

- 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 Grinders
- Airless Machine
- Surface Grinders
- 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 the following 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 often, since the sealants are a small percentage of the work, they are perfunctorily specified, easily substituted, and haphazardly applied. Yet successful joints require meticulous design, precise sealant selection, and painstaking application, our wide experience in sealant material selections,

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

EQUIPMENTS:

- Sealant Guns
- Blower Machines
- Drilling Machines
- Desk Cutting Machines
- Saw Cut Machines
- Filling joints
- Repairing expansion joints
- Cutting & opening joints
- Architectural Expansion Joints Applications
- Architectural Complementary
- Products Applications





Lightweight or Foam Concrete

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

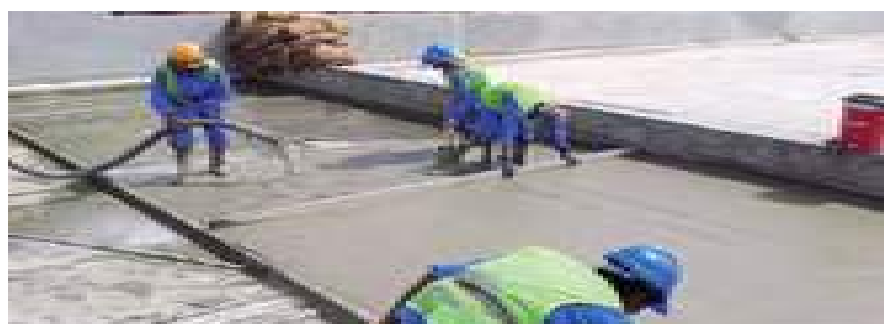
It's a mixture of cement, water, special chemicals (Foaming Agent), and light and coarse aggregate. The previous materials are settled into the a special machine that mixes the concrete with the foaming agent, causing air bubbles or voids to infiltrate the mixture, increasing its volume while simultaneously 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.





MAJOR PROJECTS



INSULATION WORKS



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 - Bituminous membrane WP

Total Quantities : 47,000m²

Main contractor : Samcrete.

Consultant ; Hamza Consultants





Address East

Location : New Cairo

Our scope : Insulation Works - Bituminous 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 Cementitious WP and PVC for lake

Total Quantities : 18,200 m²

Main contractor : CRC (Dorra).

Consultant: Turner / AMG.





Four Season Luxor

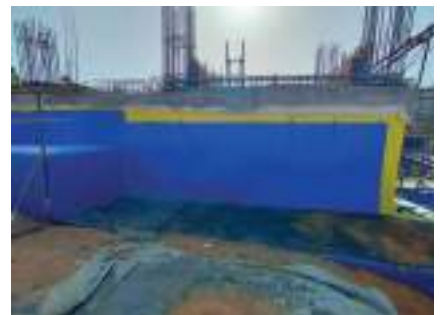
Location : Luxor

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 Bakhoun





New Giza University Phase2

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

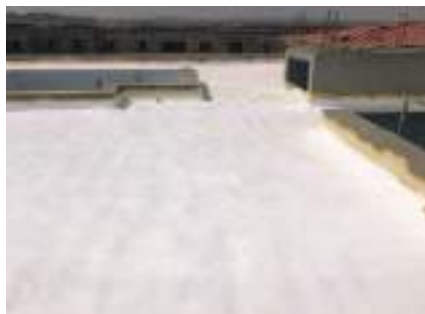
Location : New Cairo

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
Cementitious WP for retaining walls

Total Quantities : 70,000 m²

Main contractor : Group, Alpha, Redcon, Medcom
and El Nasr

Consultant : ACE Moharram Bakhoun





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



Land Mark Projects

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	EEPM
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



EPOXY AND PROTECTION



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.

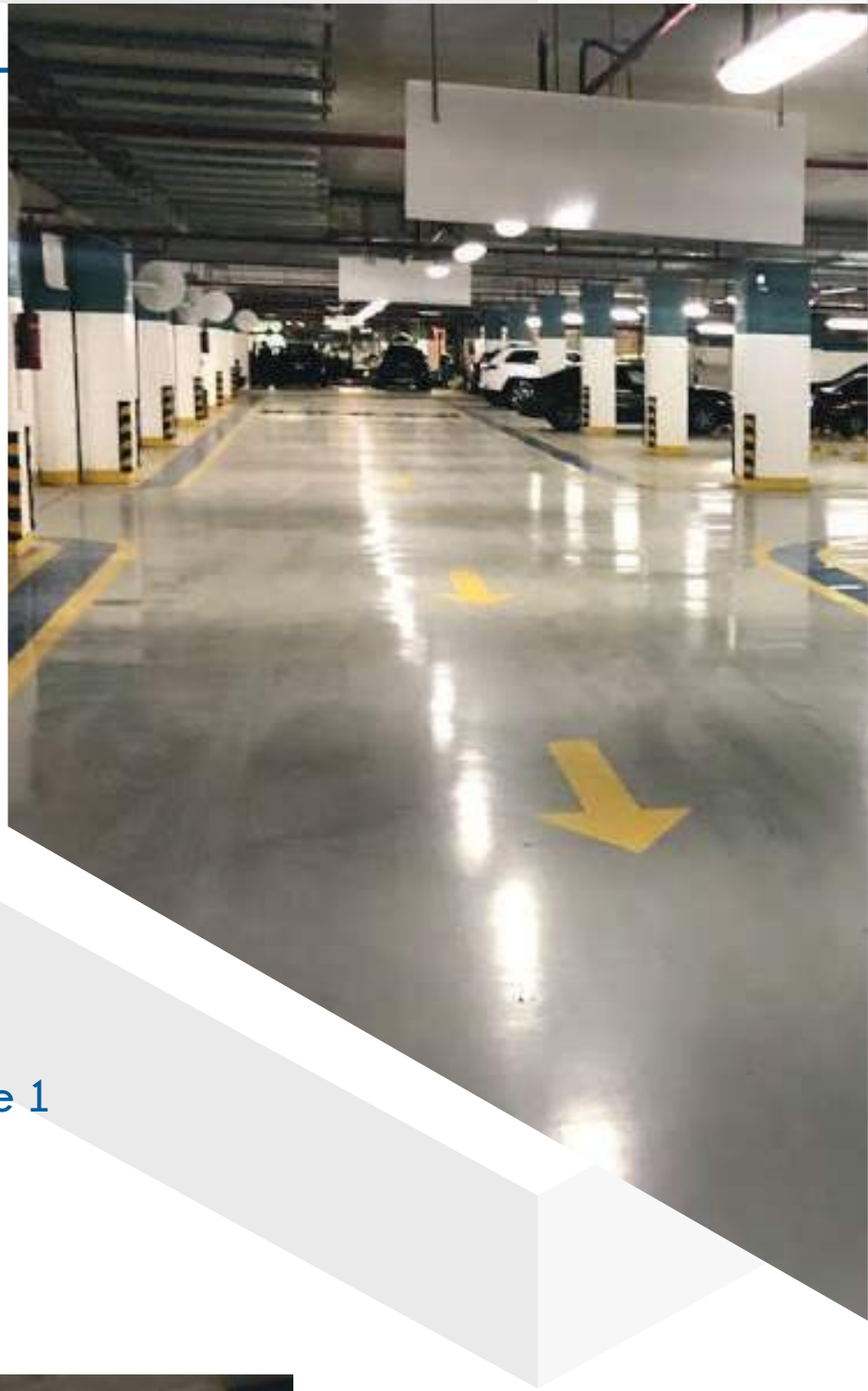
Our scope : Anti Static Works, Epoxy Works, Insulation
Works For Water Tanks

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





Central Business District

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

Location : New Alamien City

Our scope : Epoxy Works

Total Quantities : 37,000 m²

Main contractor : CRC Dorra

Consultant: ECG



Land Mark Projects

No.	Name of Project	Main contractor	Quantity	Project Consultant
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
Epoxy				
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 Bakhoun
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



EXPANSION JOINTS AND REPAIR



Siemens Warehouse

Location : Ain El Shokhna

Our scope : Access Hatch

Total Quantities : 10

Main contractor : Man Corp./ RME

Consultant: Cosmos





New Administrative Capital Ministerial Neighbourhood

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





Al-Kayan Main Building

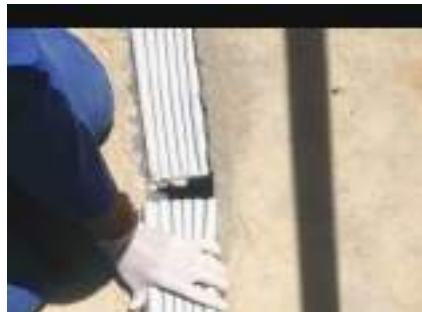
Location : New Administrative Capital

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 Plant Cooling Towers Repairing

Location : Bani Suief

Our scope : Cooling Towers Repairing

Total Quantities : 30,000m²

Main contractor : Elswedy PSP

Consultant : PGESCO & Cairo University



Land Mark Projects

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	EEPM
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	Elswedey Electric Power System Projects (PSP)	30,000 m2	PGESCO
11	Misr University For Science and Technology	Samcrete	40,000 m2	Hamza Consultants



LIGHT WEIGHT
CONCRETE



Palm Hills

Location : New Cairo

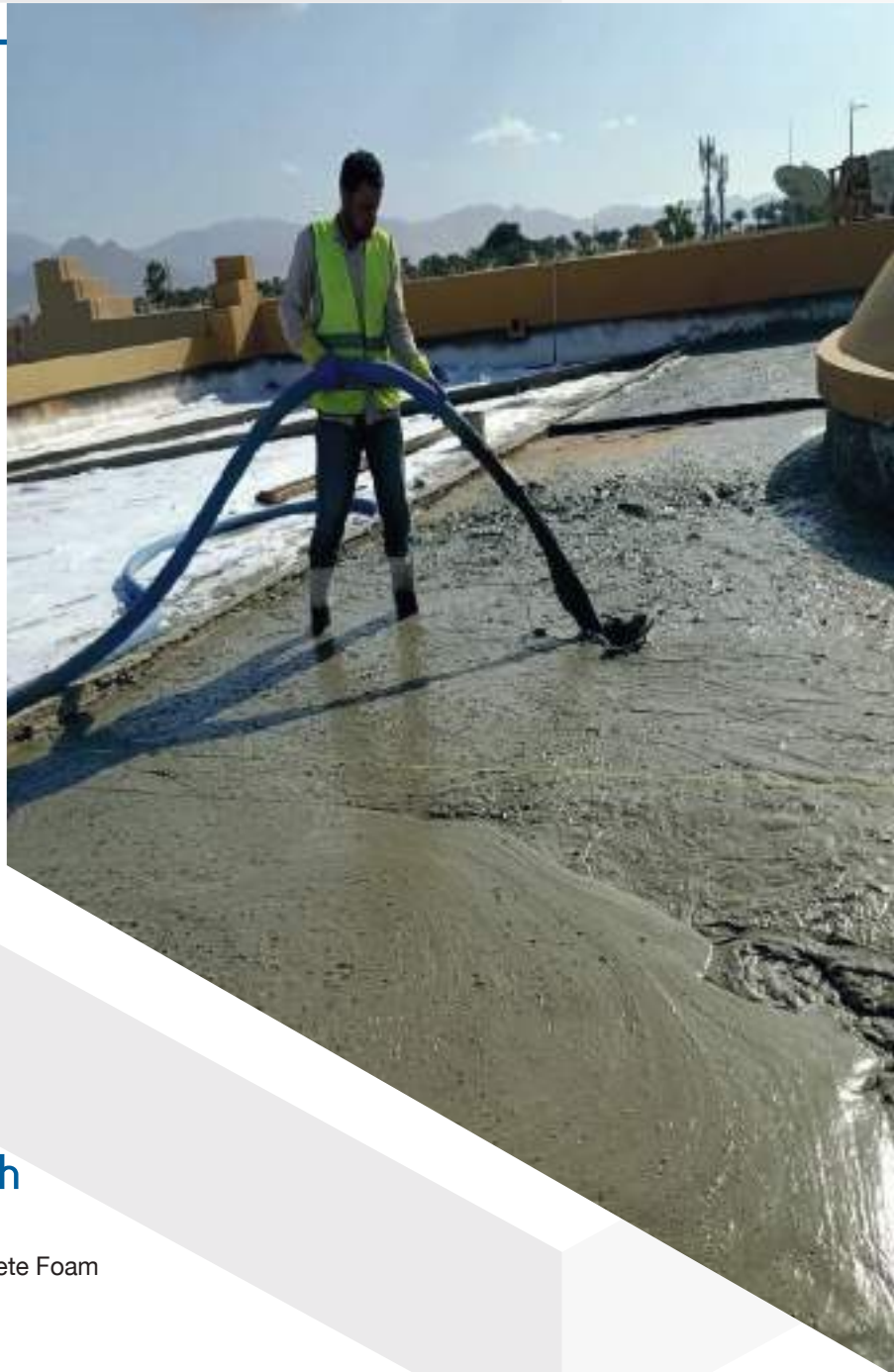
Our scope : Insulation Works - light weight Concrete Foam

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





GULF AREA PROJECTS



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





CERTIFICATES



Sika Egypt
1st Industrial Zone (K1) Sector 1 22 Street, 2280000 El-Dokki, Cairo, Egypt
Phone: +900-603071491 (local) Fax: +900-603071591 www.sika.com/eg



Approved Applicator Certificate

AB5 Construction Chemicals Egypt certifies that
Shield for contracting
have been registered as a trained Applicator
and demonstrated competence in applying
the following AB5 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
AB5 Construction Chemicals Egypt

Eng. Enad Elwan
General Manager Egypt
Mobile: +3 01227441743

Eng. Hossam Elwan
Marketing Manager
Mobile: 01227441738
Valid from: 1st March 2021
Valid till: 31 December 2021



Approved Applicator Certificate

BASF Construction Chemicals Egypt certifies that
Shield For Specialized Contractors
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

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Valid till: 31 December 2021





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