



Polyurea & Polyurethane coatings manufactured in the
Middle East for the Middle East CLIMATE

Corporate Presentation





1978

1990

2000

2004

2004

Waterproofing Contracting

Security and Automation Systems

Manufacturing Joint Venture Pearl Insulation Materials and BAYER AG for polymers

Manufacturing of Polyester Polyols & Isocyanates

Manufacturing of Polyurea, Polyurethane & Polyaspartics

Bayer Pearl commemoration



Bayer Pearl production facility



Polyurea stocks @ DELTA facility



Esterpol facility



DELTA Coatings facility



Privately Owned Group of Companies :

Mohd. Saleem & Sami Saleem



- Group Chairman Mohammed Saleem
- Afroz Saleem (Director) DRFCO Division
- Feroz Saleem (Director) Pearl Division
- Sami Saleem (Director) Delta Division

DELTA wins Best Waterproofing award 2023 @ CIA



Mohd. Saleem & Sons



- Total Group Sales > 400 Million US\$
- Total Group Employees ~ 500
- Export rate ~ 70%
- Production Capacities ~ 10,000 tons+

DELTA Coatings offers you a complete turnkey solution for all your coating requirements:

- ✓ Headquartered in United Arab Emirates
- ✓ Production facilities in UAE, Saudi Arabia, India & Vietnam
- ✓ European partners for raw materials supply only



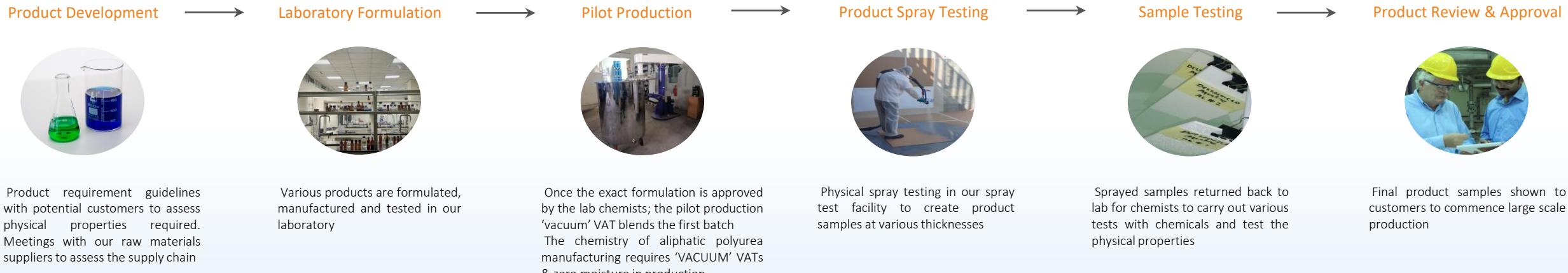
- ✓ Representing Graco(USA) HPCF Spray machines since 2008
- ✓ Carrying out international project applications for supply & apply
- ✓ One warranty for customer for product and application
- ✓ Warranty backed by international insurance company

Sami Saleem presenting @ Polyurea Development Association Europe (PDA)



Graco HPCF machines on display @ DELTA





Do you check if other coatings suppliers use vacuum VATs for production of aliphatic polyurea ?

Digital & Automatically controlled Twenty Tons production VATs



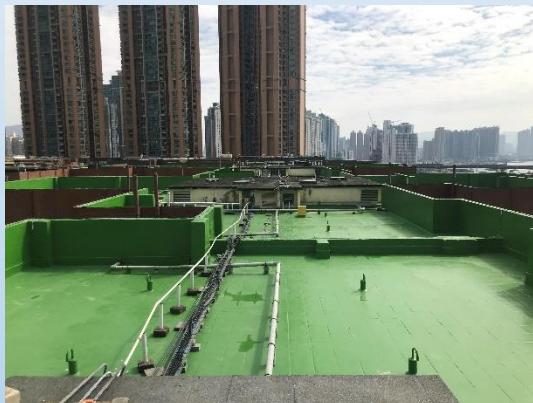
Digitally weighed Production for precise quantity output



Finished Product after Quality Control



“One supply & apply warranty for customer for product and application by DELTA Coatings International”



- GRACO are the world leaders for Polyurea spray machine.
- DELTA & GRACO relationship started in 2008
- 16 years of representation
- Technical training seminars
- Spare parts inventory
- It is very important to understand the significance of being an authorized GRACO partner. It gives the assurance to customers of a well trained organization for contracting projects.
- Machine failures on sites include:
 - × Coatings not curing properly
 - × Off ratio spray(coating will cure but not have strength)
 - × Heating of hoses up to 70°C
 - × Spray gun blockages
 - × Old worn out machines/spray guns
 - × Machines / hoses having contaminations of previously used chemicals such as polyurethane foam; a pu foam machine cannot be used for a polyurea application
 - × Contamination leads to blisters on the surface

Theory training seminars @ DELTA



Spare parts inventory @ DELTA



Machine operating seminars @ DELTA



September 2013

TO WHOM IT MAY CONCERN:

SUBJECT: DISTRIBUTION of GRACO High Performance Coatings and Foam (HPCF) Products - United Arab Emirates

We, GRACO BVBA, a subsidiary of Graco Inc of Minneapolis USA responsible for all GRACO operations in Europe, Middle East, Africa and Eastern Europe confirm that the company DELTACHEM MIDDLE EAST LLC located in Dubai, United Arab Emirates is a preferred and accredited HPCF Industrial distributor for GRACO's manufactured products.

The company DELTACHEM MIDDLE EAST LLC, represented by its Director, Mr. Sami Saleem have the technical expertise design capability, the human resources and necessary stock levels to handle and sell GRACO technology and products in the HPCF markets.

DELTACHEM MIDDLE EAST LLC is also authorized to handle GRACO product warranties and repairs.

Graco BVBA, strongly recommends the company DELTACHEM MIDDLE EAST LLC for the distribution of its products in The United Arab Emirates.



Sincerely,

Peter C. Bloem | Sales Supervisor Emerging Countries
High Performance Coatings & Foam | www.graco.com/coatingsandfoam

(Mobile) +44 7795 240951 | (Mobile Fax) +44 705 361 1694 | (Office Tel & Fax) +44 1226 350060 |
Peter.Bloem@graco.com

14 Graco trained HPCF(High Performance Coatings & Foam) machine sprayers

- DELTA owns 16 Graco HPCF machines; EXP2, EXP3 & E10HP high pressure spray reactors
 - Can be shipped in container with chemicals anywhere such as LATM, Africa, Europe, East Asia to carry out projects
- Supply & apply means the complete turnkey solution has to be inhouse & carried solely out by the manufacturer and not subcontractors:
 - Chemical manufacturing facility
 - Machine assets
 - Technically trained staff for spraying
- Polyurea spraying is carried out at 3,000 psi with two components instantly curing; if machines are not serviced or maintained properly; the chemicals will not cure or result in weak physical properties creating failures in the coatings. Hiring local machines will not be a solution as you require immediate spare parts for the spray gun and the machine hoses/pumps cannot have impurities from previous applications
- The Isocyanate(A side) crystalizes when exposed to air and moisture; machines have to be serviced regularly by GRACO trained professionals otherwise the coating will not cure properly

Emirates Airline Headquarters



Paul with sprayers on site



Sewage treatment plant UAE



Danat hotel Qatar



Do you check if other coatings suppliers have the above expertise for sprayers, spray machines & ownership ?

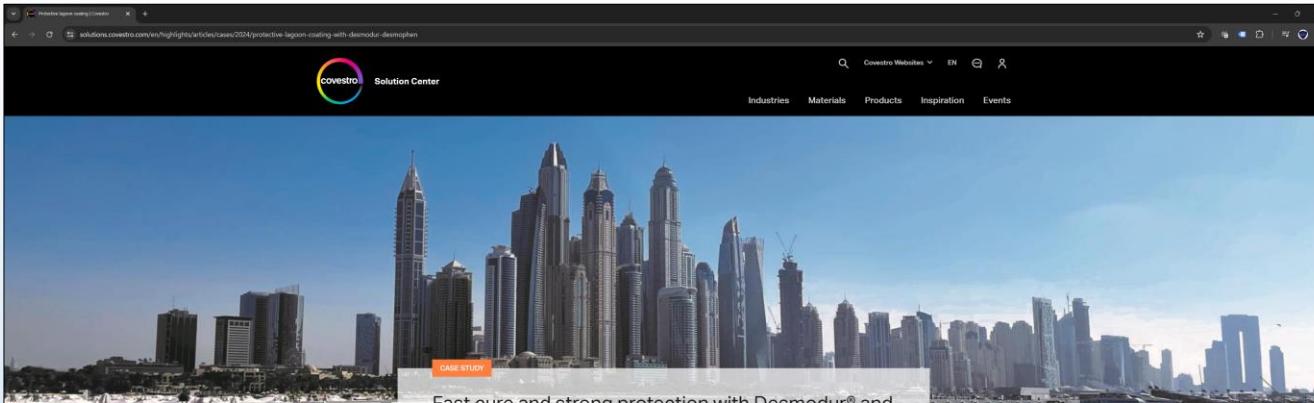
DELTA owned Graco HPCF spray machines





publishes article on Aliphatic Polyurea manufactured by DELTA using covestro raw materials

<https://solutions.covestro.com/en/highlights/articles/cases/2024/protective-lagoon-coating-with-desmodur-desmophen>



CASE STUDY

Fast cure and strong protection with Desmodur® and Desmophen®

Delta Coatings, a manufacturer and solution provider for construction coatings, needed to provide a durable protective lining for the shoreline and walkways of one of the largest man-made lagoons in Dubai. Our fast curing aliphatic polyurea elastomeric coating technology helped them do it in just six months.

[Contact expert](#) [Request a sample](#) [Request a quote](#)

[Task](#)
Waterproofing of MBR City's iconic lagoon

The city of Dubai in the United Arab Emirates (UAE) is constantly expanding. One of its recent developments is District One, Mohammed Bin Rashid Al Maktoum City (MBR City), which is spread across 1,100 acres of lush greenery. At the heart of MBR City is its iconic man-made lagoon – central to the area's visual appeal.



Desmodur® Desmophen®

A polyurea case story:
Quicker application process and high protection

How aliphatic polyurea elastomeric coatings helped to meet tight project timelines and provide durable protection for one of the largest man-made lagoons



Desmodur® Desmophen®

Man-made Lagoons In Dubai, United Arab Emirates

The city of Dubai in United Arab Emirates is constantly expanding. Spread across 1,100 acres of lush greenery and centered around the man-made lagoon is the Mohammed Bin Rashid Al Maktoum City – District One. An important part of the visual appeal for MBR city is the iconic lagoon. The lagoon concept required a highly decorative & bright seamless lining system for the entire shoreline, podiums and walkways. With tight timelines being of most importance for the lagoon launch in 2020 the entire application of 20,000 m² had to be finished within six months.

"The ease of application and fast cure characteristics at ambient temperature made the aliphatic polyurea a perfect choice for this project" said Belkin Man, General Manager at DELTA COATINGS based in Dubai, UAE, a manufacturer and solution provider for construction coatings.

Furthermore, waterproofing of the concrete, durability and UV stability were critical requirements. Thus, with heavy foot traffic and splash zone areas, a thick elastomeric aliphatic polyurea coating system, without the need for a mid-layer could reduce the risk of showing patches or delamination of the topcoat and also speed up the overall application. Another important benefit of the polyurea technology is the resistance to mechanical damages. Polyurea coatings based on Desmodur® and Desmophen® raw materials ensure optimum balance between flexibility and tensile strength, while yielding excellent hardness and abrasion resistance to withstand the daily harsh scraping and brushing of the sand & dust from the coated areas.

In cooperation with:

DELTASHield Aqualine AL

Covestro Deutschland AG
Kaiser-Wilhelm-Allee 60
51373 Leverkusen
Germany

[solutions.covestro.com](#)

The manner in which you use our products, technical assistance and information (either verbal or in the way of production evaluation), including any suggested formulations and recommendations, is beyond our control. Therefore, it is important that you test our products to determine suitability for a technical, health, safety, and environmental regulatory viewpoint, including any specific use or application. We do not accept responsibility for any damages or losses for a particular use or application of the product, unless explicitly stated otherwise. If the product is used in accordance with our recommendations, we shall not be liable for any damages or losses arising from the use of the product, or for any damages or losses resulting from the use of any device or of pre-cure products for medical devices or for other specifically required applications, unless it may lead to a regulatory obligation of Covestro. Covestro must explicitly agree to such use in writing. We do not accept responsibility for any damages or losses resulting from the use of the product for commercial use. Unless we otherwise agree in writing, all products are sold strictly pursuant to the terms and conditions of sale, including the limitation of liability. We shall not be liable for any damages or losses arising from a failure to follow our instructions, in contract or otherwise. Invoiced in connection with any order, the price of the product is the price of the product, including delivery and handling costs, and compensation for any damage and/or loss that may occur. Refusing payment or demanding a refund or a reduction in price for any product or contract with any party is not a valid reason for a claim. We shall not be liable for any damages or losses resulting from the use of any product, unless explicitly stated otherwise. These are the "Standard Terms of Covestro Products in a Standard Application".
Last Revision: 2023

Nakheel invites DELTA Coatings management & presents an Award to DELTA's contracting division
for its application of Aliphatic Polyurea system in Meydan Lagoons

Dinner event @ Nakheel head office



Belvin @ Meydan phase III application of DELTASHield Aqualine AL



Paul & Sami receiving the award



Completed Meydan phase III



Product Approvals; Clients, Consultants, Main Contractors

Emirates Airlines, Various applications including; Head office, training centers, 600 pilot accommodation villas, storage & maintenance facilities

DELTAshiled Aqualine AL

100,000 sqm



Pepsi Factory Saudi Arabia
DELTAShield PROSeal
25,000 m²



Dubai Marina Pontoons
DELTAShield Aqualine AL
6,000 m²



Anantara Santorini Beach Resort UAE

DELTAShield Aqualine AL

3,000 m²



Drai's Beach Club

DELTAShield Aqualine AL

4,000 m²



Shoe Rest retail store Hong Kong

DELTAShield F 500

2,000 m²



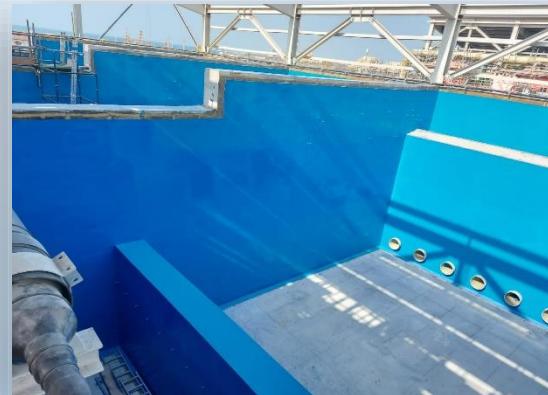
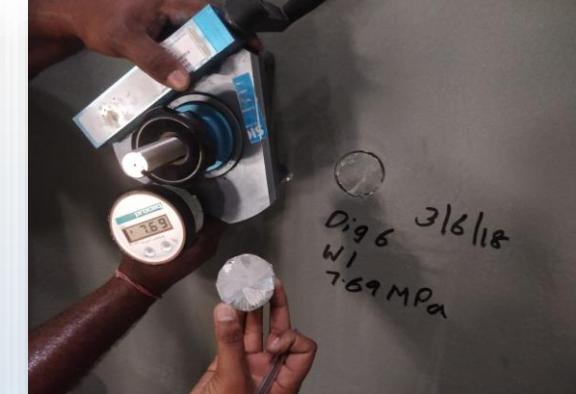
JBR Jogging Track

DELTAShield Aqualine AL

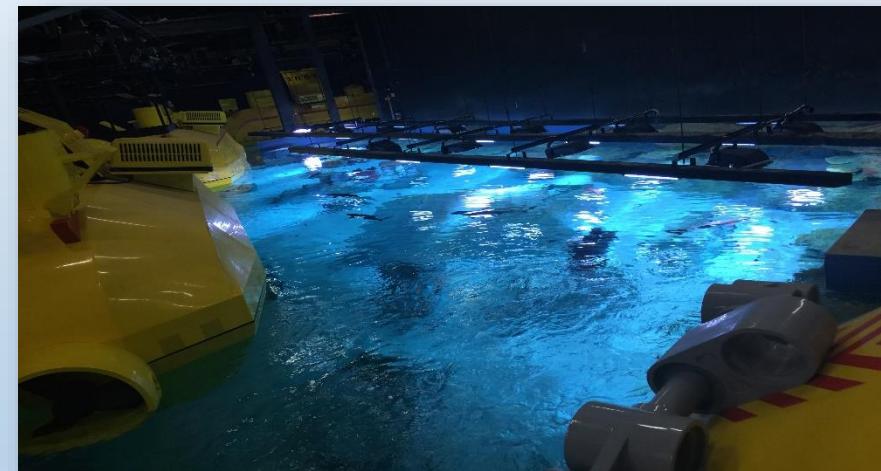
6,000 m²



Naqaa Desalination plant
DELTAshiled HP 500 PW(WRAS approved 85 °C)
95,000 m²



LegoLand DPR
DELTAShield Aqualine AL
60,000 m²



FIVE Tower JVC, 260 cantilever swimming pools & gardens

DELTAshield Hybrid 500

80,000 m²



Six Senses Hotel Ziggy Bay Oman

DELTAshield Aqualine AL

2,500 m²



Sun City South Africa
DELTAShield Aqualine AL
25,000 m²



Aqua Lagoon India
DELTAShield PROSeal AL
3,000 m²



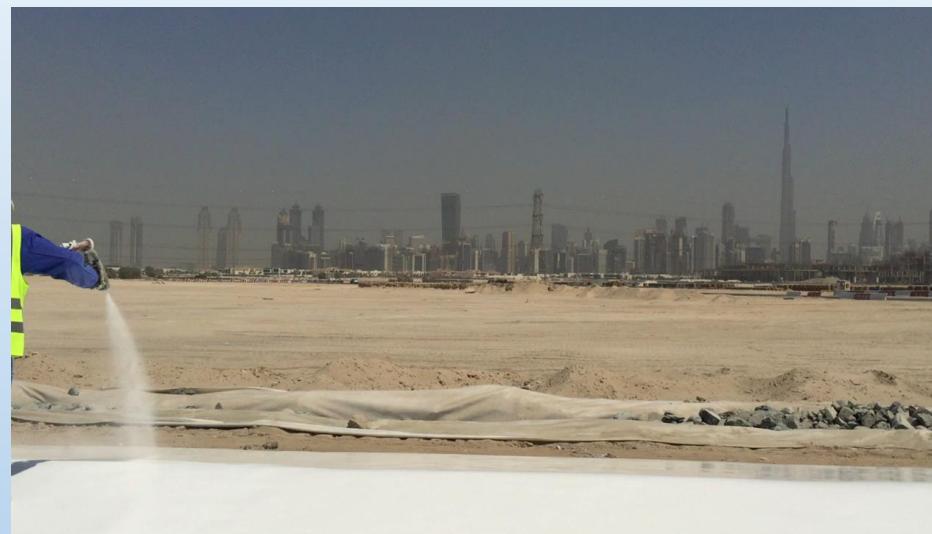


Nakheel Meydan Phase I
DELTAShield Aqualine AL
10,000 m²



Nakheel Meydan Phase II
DELTASHIELD Aqualine AL
22,500 m²





Nakheel Meydan Phase III
DELTAshield Aqualine AL
12,000 m²





Swan Lake North Coast
DELTAshiled Aqualine AL
11,000 m²



Thank You

End of Presentation

