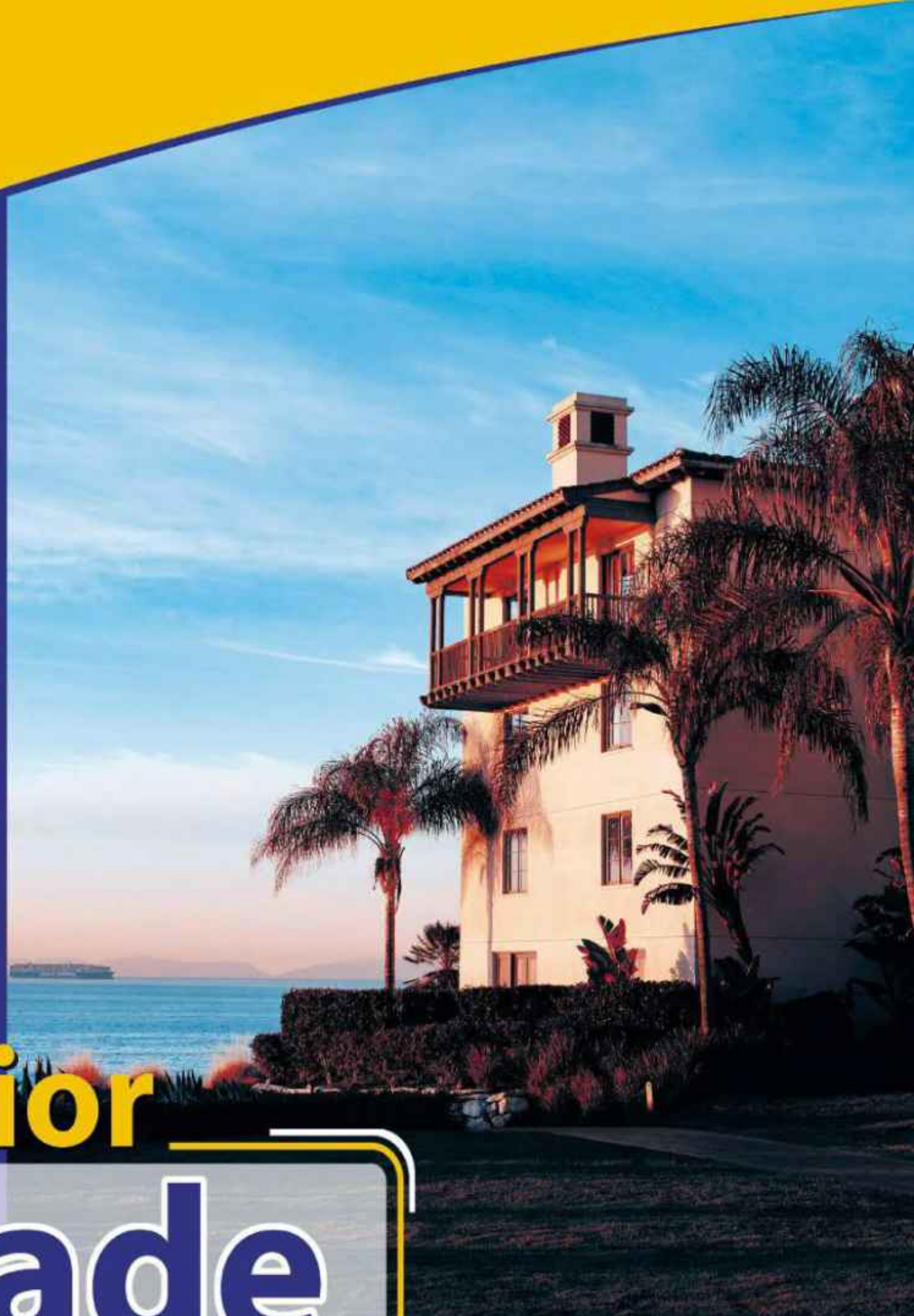




Exterior Façade Coating Systems





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Who we are

ACC Construction Chemicals is founded in 2012. Our Headquarters and Factory is located in Borg El Arab City, Egypt. Since its inception, ACC focuses on developing, manufacturing and marketing innovative Construction Chemicals and Specialty Mortars.

All ACC products are produced according to the most accurate manufacturing procedures. With the growing demand of the construction industry in Egypt, ACC Continues to grow.

We continue building on the knowledge and relationship within the company and outside.

ACC obtains its reputation for quality and reliability, where it counts, jobsite after jobsite. Construction industry requires the right product, for the right application, for the right conditions, at the right time. This is where ACC comes in. ACC provides innovative solution, not only products, for building systems.

ACC experienced staff are ready to provide our customers with high-level support.

This includes:

- Standard AutoCAD details are available. Specific AutoCAD details can be created according to projects' needs.
- Dedicated specification managers are ready to assist with correct system choices and tailored solutions.
- Specialist team are available to provide site support during construction stage.
- Comprehensive training programs are designed to develop customers' awareness.

This leads us to specify suitable systems that match projects' requirements. In addition, ensuring that our technology plays its part in successful project completion.

We work closely with architects, consultants, contractors and applicators to develop long term business relationship with our customers.





ACC is specialized in Exterior Façade Coating Systems.

ACC systems include:

- UniDécor product range (cement-based renders / coatings).
- AcryShield (acrylic-based textured coatings).
- UniSeal (acrylic-based, smooth finish coatings).

In addition to wide range of sealers especially developed to be used with **ACC** Exterior Façade Coatings systems.

This comprehensive product range has expanded over the years.

ACC Exterior Façade Coatings are designed to provide protection to a building, in addition to meeting the individual design needs of the architect.

These systems are formulated to last. They provide unique combination of highest quality, durability and cost effective.

The details of the finishes, their uses, features, colors, and application methods are available to give you an overview on each unique wall coating.

These coatings give architects creative freedom and can be tailored to meet their design criteria. The unparalleled versatility and diversity of these products allows for infinite variations in colors, textures and effects.





We understand that each color has value and meaning to our clients. Our aim is to provide modern beautiful style exterior façade coatings.

We have created creative color chart in collaboration with many of our valuable architects and color experts. Many other colors can be tailor made to meet our clients' expectation. We can help you choosing your color combinations.

Surface Preparation

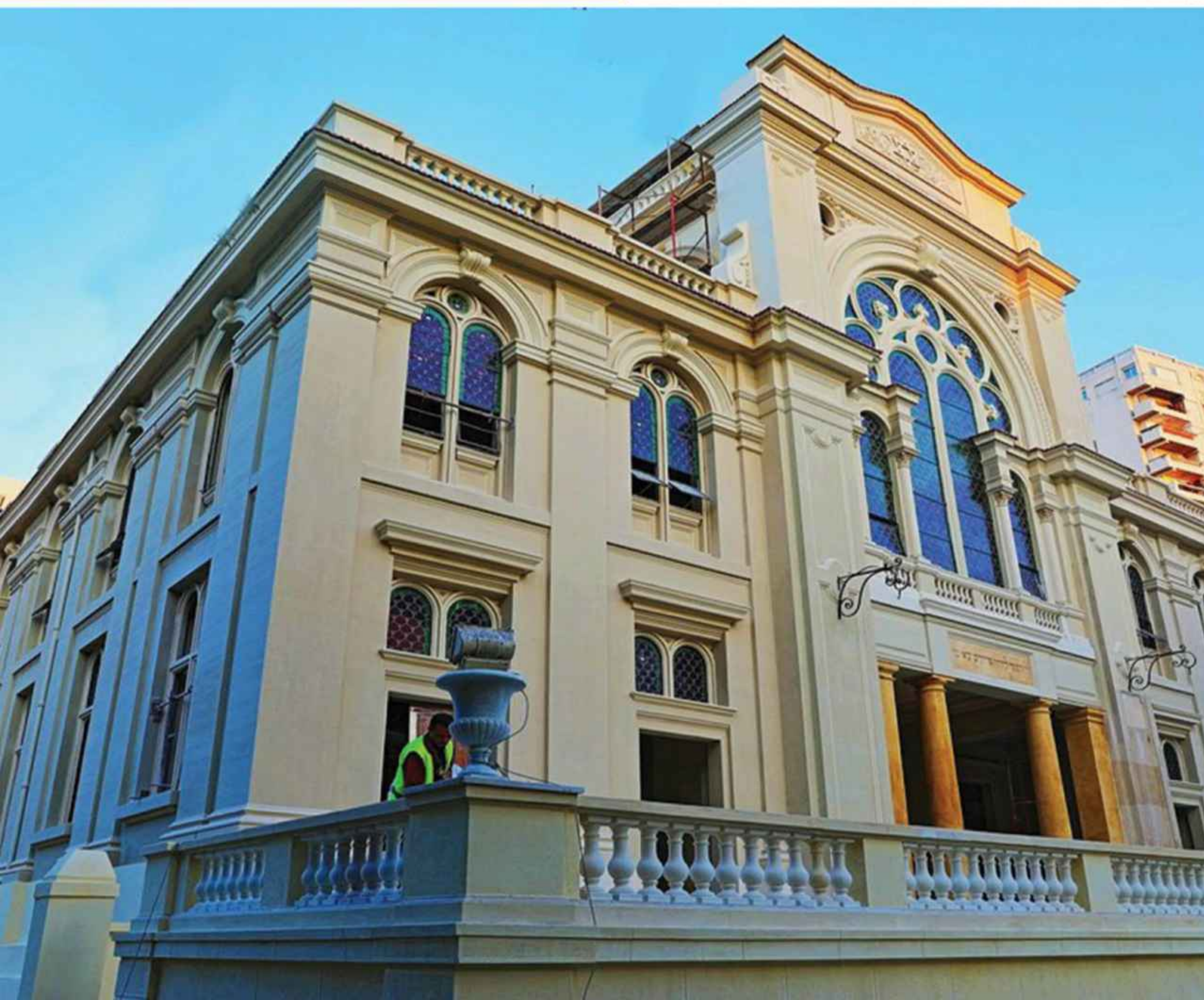
- The performance of any wall coating system is affected by the surface to which the product is being applied.
- The surface must be free of all foreign matter, such as grease, oil, dust, loose and flaking paint, off-shutter release oils or any contaminate to the surface.
- Loose plaster, friable particles, rust and oxidation products should be removed and treated.
- Ensure that the substrate alignment deviation is within 5 mm each 2 m. ACC offers a wide range of renders, skim coats & putties (stucco) to achieve a substrate ready for coating.
- Wash the substrate using clean water 2 hours before application. Again, wash the substrate just prior to start application. Avoid substrate saturation as this can lead to efflorescence especially in dark colors.
- Good adhesion of a cement-based render to the substrate is affected by the suction in the substrate. Too much suction will cause the render to dry too quickly affecting the bonding. Low suction substrates will not offer enough capillary action to achieve a good bond.

Technical Recommendations

- All windows, doors and soffits etc. should be in place prior to application.
- Scaffolding required at each level should be independently tied to allow for continuous application.
- The workforce should be suitable for the area to be applied. If not possible, then cut a straight groove at the junction with the adjoining panel.
- Expansion joints in the substrate must be carried through to the surface of the Exterior Façade Coating Systems.
- The materials required for complete panels should be of the same batch or to be thoroughly mixed together before use.
- Mixing water should be clean and as cool as possible.
- Panels should be completed in a continuous sequence to eliminate cold joints and marks between different applications.
- Protect the Exterior Façade Coating Systems from rising ground water and rain splashes. It is recommended to stop the coating within 15 cm above the finishing level. Install stone or another dense material as skirting.
- Protection from direct sun during application & during the curing period is essential. We recommend shade netting is erected to envelope the structure to be rendered.
- Repair to decorative renders, if any, often result in differences of appearance and often visible on completion. Please consult **ACC** Technical Department.



ACC
Construction Chemicals



Exterior Façade Coating Systems

Sealers can be used to enhance surface strength, improve adhesion properties of top coats, protect surface from pollution and reduce the consumption of the following coats.

ACC produces a wide range of sealers especially developed to be part of ACC Exterior Façade Coating Systems.

This includes:

AcrySeal 799

AcrySeal 799 is an acrylic-based penetrating transparent sealer for walls & ceilings. It is used as a sealer coat on cement-based substrates prior to the application of UniDécor & AcryShield product range.

MagicSeal 900

MagicSeal 900 is an acrylic-based white sealer. It is used as a surface sealer on cement-based substrates and coated substrates prior to the application of AcryShield & UniSeal product range.

AcrySeal 999

AcrySeal 999 is a penetrating aqueous dispersion transparent sealer based on meth-acrylic acid esters and styrene. It is used also as a top sealer coat on top of UniDécor product range.





UniDÉcor products are high quality, single component, cement-based, polymer modified, color decorative renders / coatings. UniDÉcor product range is produced using different types & sizes of fillers. So, it is produced in various types of finishes.

UniDÉcor products contain inorganic UV stable pigments. It is available in a wide variety of colors while ensuring minimum color fading.

UniDÉcor products can be applied where cement-based color decorative renders / coatings are required especially in coastal areas. These areas are widely available in compounds, resorts, clubs, schools, shopping centers, private and commercial buildings, villas.

UniDÉcor 700

UniDÉcor 700 is a high-performance smooth finish render. UniDÉcor 700 is developed to withstand extreme climatic conditions.

Application thickness: 1.5 – 4 mm/layer.

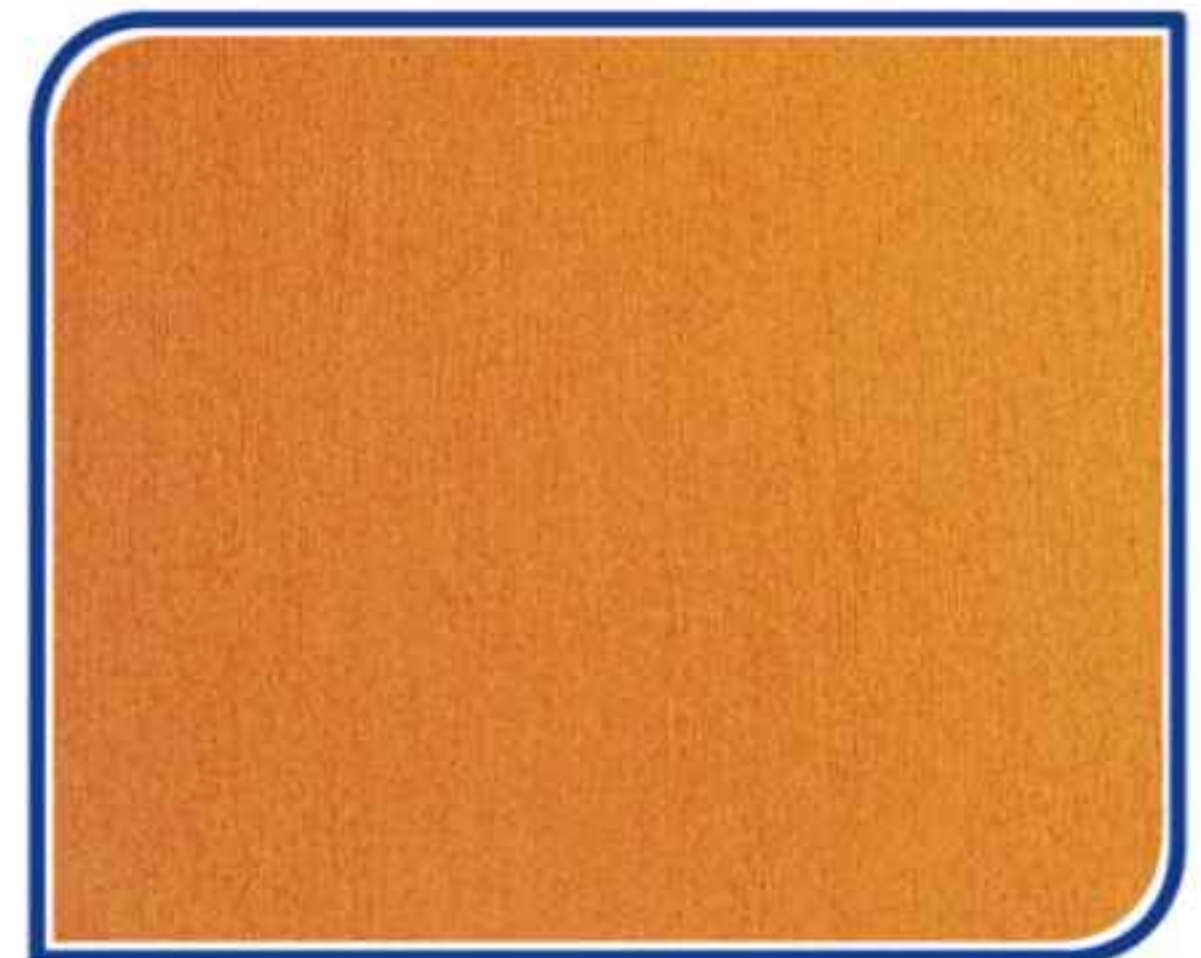
Application tools: steel trowel – spray machine – sponge trowel.

UniDÉcor 701

UniDÉcor 701 is a high-quality smooth finish render. UniDÉcor 701 has established track record in varying climatic conditions.

Application thickness: 1.5 – 4 mm/layer.

Application tools: steel trowel – spray machine – sponge trowel.



UniDécor 705

UniDécor 705 is a high-performance graffiato texture finish (scratches' surface) render. UniDécor 705 is developed to withstand extreme climatic conditions.

Application thickness: 3 – 7 mm/layer.

Application tools: steel trowel – spray machine – sponge trowel.



UniDécor 706

UniDécor 706 is a high-quality graffiato texture finish (scratches' surface) render. UniDécor 706 has established track record in varying climatic conditions.

Application thickness: 3 – 7 mm/layer.

Application tools: steel trowel – spray machine – sponge trowel.

UniDécor 710

UniDécor 710 is a high-performance textured finish coating. UniDécor 710 is developed to withstand extreme climatic conditions.

Application thickness: 1.5 – 2.5 mm/layer.

Application tools: steel trowel – roller – brush – spray machine.





UniDécor 715MC

UniDécor 715MC is a high-quality through colored, mono coat render. It allows for fast application without the need to level the wall using sand/cement render.

After application of UniDécor 715MC, it is scraped to provide a natural rough appearance looks like natural stone finish.

UniDécor 715MC is developed to withstand extreme climatic conditions. After drying, it gives semi-smooth texture finish.

Application thickness: 3 – 10 mm/layer.

Application tools: steel trowel – tooth scraper.



UniDécor 717AS

UniDécor 717AS is a high-performance through colored, artificial stone render.

UniDécor 717AS has established track record in extreme climatic conditions.

Application thickness: 15 – 25 mm/layer.

Application tools: steel trowel – sponge trowel – push hammer.

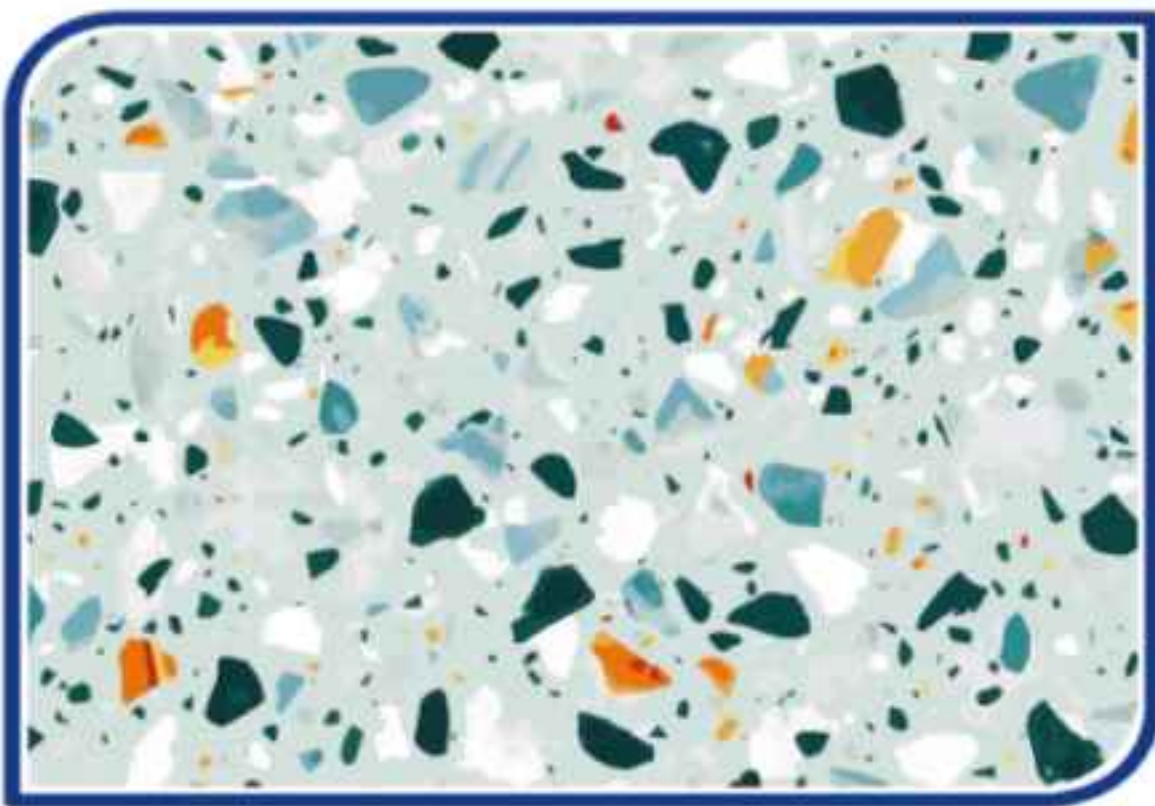


UniDécor 725S

UniDécor 725S is a high-performance semi-smooth textured finish coating. UniDécor 725S is developed to withstand extreme climatic conditions.

Application thickness: 1 – 2.5 mm/layer.

Application tools: steel trowel – roller – brush – spray machine.



UniDécor 727TZ

UniDécor 727TZ is a high-performance through colored, terrazzo finish render. UniDécor 727TZ has established track record in extreme climatic conditions.

Application thickness: 15 – 25 mm/layer.

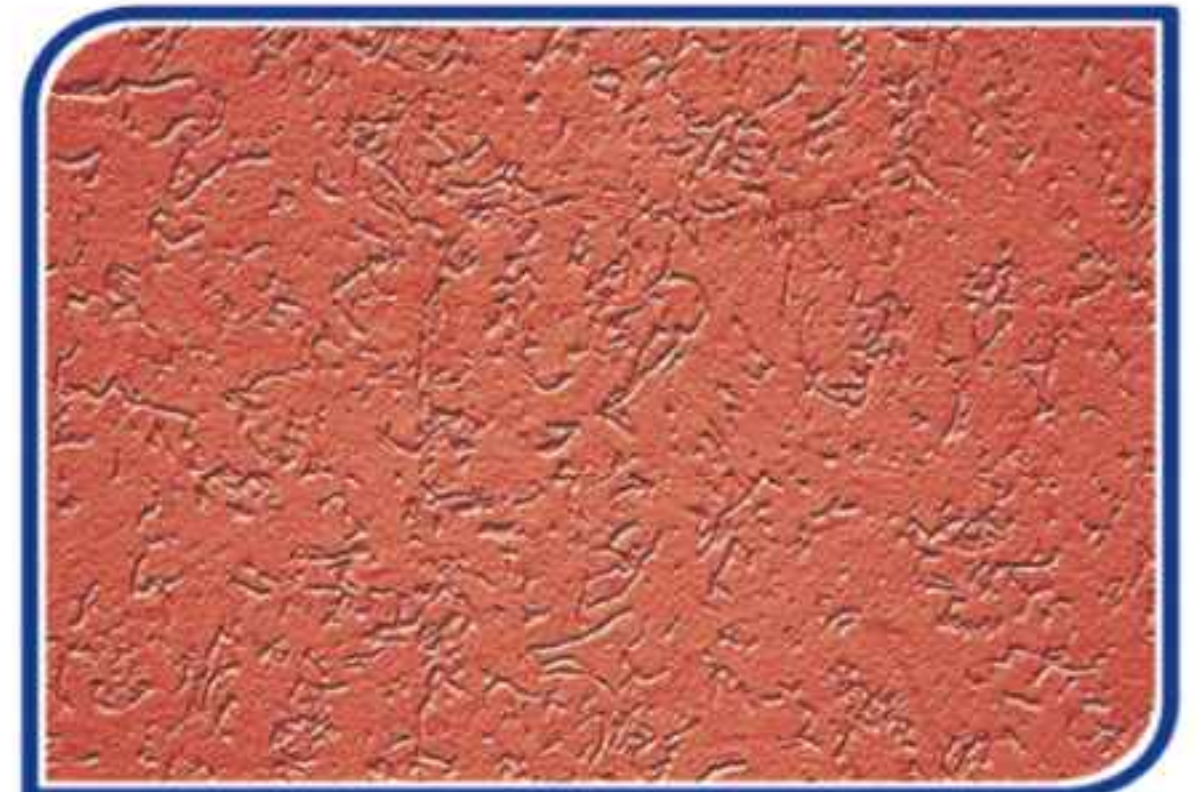
Application tools: steel trowel – sponge trowel – grinder.

UniDécor 770

UniDécor 770 is a high-quality semi-smooth finish render. UniDécor 770 has established track record in varying climatic conditions.

Application thickness: 1.8 – 4 mm/layer.

Application tools: steel trowel – spray - sponge trowel.





UniDécor 777

UniDécor 777 is a high-quality medium graffiato texture finish (scratches' surface) render. UniDécor 777 has established track record in varying climatic conditions.

Application thickness: 2 – 6 mm/layer.

Application tools: steel trowel – spray - sponge trowel.

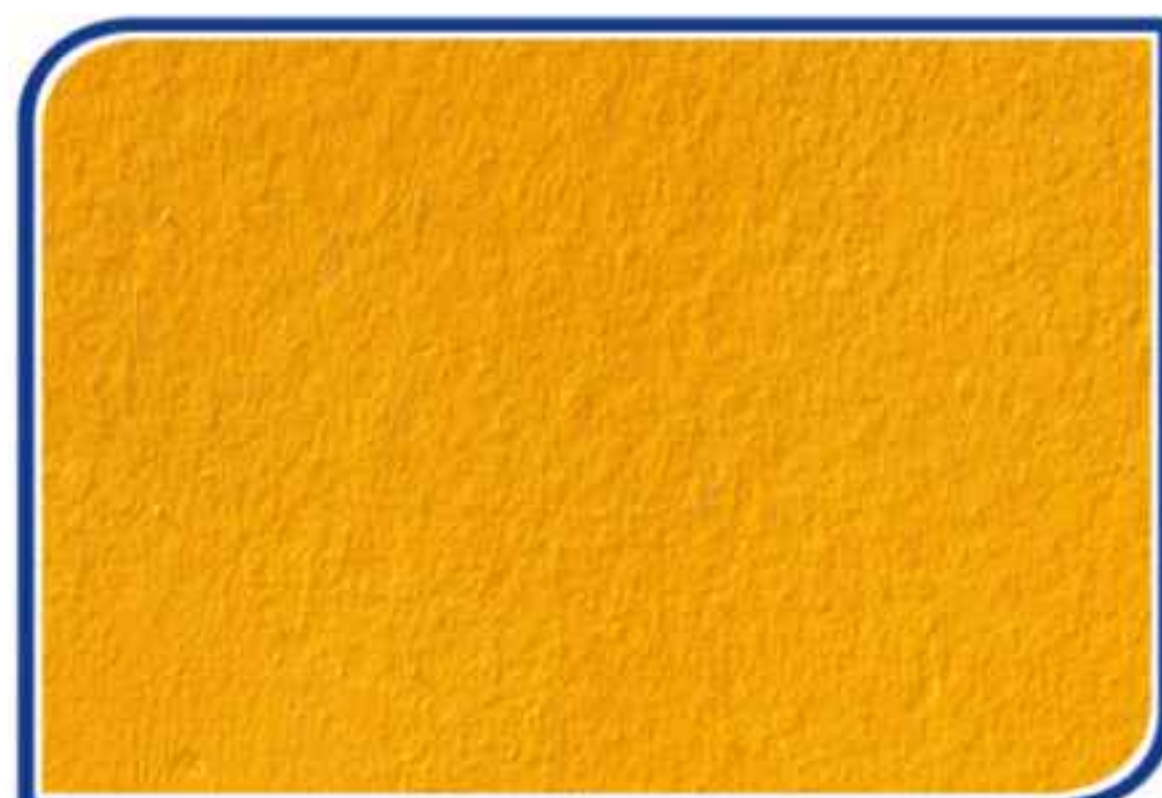


UniDécor 777F

UniDécor 777F is a high-quality smooth finish render. UniDécor 701 has established track record in varying climatic conditions.

Application thickness: 1.5 – 4 mm/layer.

Application tools: steel trowel – spray machine – sponge trowel.



AcryShield products are high performance, single component, vinyl copolymer-based texture coatings.

AcryShield products have excellent resistance to the effect of dirt in rain water and extreme climatic conditions. So, using AcryShield keeps façade looking great for longer time.

AcryShield product range is produced using different types & sizes of fillers. This helps in producing in various types of finishes. AcryShield products contain inorganic UV stable pigments. It is available in a wide variety of colors while ensuring minimum color fading.

AcryShield products can be applied where high performance acrylic-based texture coatings are required especially in coastal areas. These areas are widely available in compounds, resorts, clubs, schools, shopping centers, private and commercial buildings, villas.

AcryShield 740F

AcryShield 740F is a single component, vinyl copolymer-based colored coat. AcryShield 740F has a degree of flexibility. It is able to accommodate relatively higher natural movement and cover minor cracks up to 0.7 mm width. AcryShield 740F is the ideal solution where color, decorative & protective fine graffiato finish coat is required. AcryShield 740F has established track record in varying climatic conditions.

Application thickness: 1.5 – 2 mm/layer.

Application tools: steel trowel – sponge trowel – plastic trowel.





AcryShield 750-HB

AcryShield 750-HB is a single component, vinyl copolymer - based colored coat. AcryShield 750-HB has a degree of flexibility. It is able to accommodate relatively higher natural movement and cover minor cracks up to 1.5 mm width. AcryShield 750-HB is the ideal solution where color, decorative & protective high build texture coat is required. AcryShield 750-HB has established track record in varying climatic conditions.

Application thickness: 1.5 – 3 mm/layer.

Application tools: steel trowel – sponge trowel – plastic trowel.



AcryShield 755G

AcryShield 755G is a single component, vinyl copolymer-based colored coat. AcryShield 755G has a degree of flexibility. It is able to accommodate relatively higher natural movement and cover minor cracks up to 0.7 mm width. AcryShield 755G is the ideal solution where color, decorative & protective medium graffiato finish coat is required. AcryShield 755G has established track record in varying climatic conditions.

Application thickness: 1.5 – 3 mm/layer.

Application tools: steel trowel – sponge trowel – plastic trowel.



A UniSeal product range is protective and decorative smooth finish coatings incorporating the latest technology in acrylic and elastomeric resins. UniSeal products have excellent resistance to dirt & dust pick up and extreme climatic conditions

UniSeal 910

UniSeal 910 is a premium quality, acrylic-based, decorative coating for walls and ceilings. After drying, it forms an excellent flexibility protective coating. UniSeal 910 prevents chloride ion ingress and resists carbonation attack.

Application thickness: 30-40 µm/coat.

Application tools: roller – brush – spray gun.

UniSeal 430

UniSeal 430 is a premium quality, semi-fluid aqueous acrylic co-polymer dispersion decorative coating for walls and ceilings. After drying, it gives a high-build, elastomeric, crack bridging protective coat. UniSeal 430 has outstanding durability. It is impermeable with excellent resistance to chloride ion ingress and carbonation attack.

Application thickness: 30-40 µm/coat.

Application tools: roller – brush – spray gun.



Products

ACC manufactures wide range of construction chemicals & Speciality Mortars products which includes:

Waterproofing

1

Flooring

2

Tile Adhesives & Grouts

3

Concrete Repair

4

Non-Shrink Grouts

5

Bonding Agents

6

Exterior Façade Coatings

7

Premixed Fairing Coats, Renders & Mortars

8

Putties (Stucco)

9

Searlers & Emulsion Paints

10

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