



QUALITY CRAFTSMANSHIP IN EVERY DETAIL

REE EMIRATES BUILDING

REEM EMIRATES ALUMINIUM (REA), PART OF THE ROYAL GROUP, A DIVERSE CONGLOMERATE THAT COMPRISES OF 60 LARGE AND MEDIUM SIZED COMPANIES AND EMPLOYS 10,000 PERSONNEL, HAS BEEN PROVIDING SUPERIOR SOLUTIONS FOR A WIDE RANGE OF DISCERNING CLIENTS SINCE 2006, WITH ITS PRODUCTS OFFERING UNMATCHED CRAFTSMANSHIP, BEAUTY, DURABILITY, SECURITY AND VALUE.

Striving to provide innovative and cutting-edge facade solutions to the rapidly growing construction industry throughout the UAE and the wider Gulf region, REA's primary focus is on architectural facade design, engineering, manufacturing and installation, specialising in aluminium unitized curtain-wall, conventional curtain wall, doors, windows and architectural metal claddings for buildings.

With Detail and Care

REA encompasses a team of highly skilled professionals with the experience and attention to detail needed to meet clients' unique project needs.

Design Services

The technical team at REA provide competent and progressive solutions for a broad portfolio of design concepts, working intimately with project architects through each specific stage of the delivery process. The company is able to develop viable design solutions tailored to suit individual project requirements by combining architectural aesthetics with sound design and engineering principles. REA offers Facade System Design for things such as unitized and stick curtain walling, windows

and doors, glazing, cladding; Facade Engineering, including structural design and analysis; Thermal Analysis of facade systems; and Value Engineering.

Facade Engineering

Acting as a filter, moderator and barrier, and facilitating the daily life performance of the building and its occupants, the fabric of the building offers unique engineering and design opportunities. Providing bespoke solutions for each individual project, REA

has expertise in Design & Curtain Wall Cladding Systems, including rain screens and window systems; Architectural Facade Development; Engineered Glass Structures and Tension Structure; Finite Element Analysis; Thermal Analysis; Performance Testing for Facade Systems; and Code and Authority Compliance.

Thermal Modelling

REA's extensive experience and expertise in exterior building facades has



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given it a reputation in the industry that makes it the first port of call for developers and building owners. The company provide skilled engineering facade solutions to meet the growing demand of high performance building envelopes to meet stringent regulations, of local and international stipulations, for energy saving and indoor thermal comforts. Its dedicated R&D team gives capable solutions to complex curtain wall designs, which ensure the elimination of problems and precautionary measures.

Whatever the challenge, REA's goal is to meet the needs of clients with absolute integrity, the highest standards of professionalism, and unparalleled customer service.

A Master's Touch

REA excels in technically challenging projects, and is known by owners, architects and contractors as a world-class company that can be trusted to deliver quality on time and on budget. It is a company whose people understand the power of collaboration and teamwork, and leverage that power

to overcome challenges and accomplish great things.

As a result, REA's portfolio of projects incorporates a number of important and high-status buildings, including Etihad Towers in Abu Dhabi for which it undertook the engineering design, manufacturing, supply and installation of unitized curtain wall facade, as well as aluminium louver works.

Other successful completed projects in Abu Dhabi include Al Reem Island Development Block D for Tamouh Investments LLC (engineering design; manufacturing; supply, delivery and installation of unitized system curtain wall facade; stick system facade; spider fitting fixing System; punch windows; louvers; sunshade; sliding doors; swing doors; revolving doors; entrance and roof canopy; aluminium cladding; and balustrade works), The Gate District Towers, Masdar Institute of Science & Technology, Saraya Towers, and Al Raha Beach Hotel Extension.

Moreover, as a regional pioneer in green facade technology, REA is able to offer clients energy efficient and environmentally friendly facade solutions.

Critically Acclaimed

REA continues to grow and expand, with its state-of-the-art factory equipped with the most technologically advanced machinery. It has also established two new divisions, Reem Emirates Glass division (REG) and Reem Emirates Cladding division (REC) to further serve the demands of its clients.

The Glass Factory has a monthly processing capacity that takes in glass cutting, 48,000m²; tempering and heat strengthening, 17,000m²; laminated glass, 13,000m²; and insulated glazing units, 10,500m².

Furthermore, and to complement its other operation, REA has invested in a 4100m² fully-equipped metal processing and cladding fabrication factory, with technically advanced CNC machinery, vertical saws, roll bending machinery, and other ancillary equipment required for the fabrication of secondary supportive steel work and composite cladding panels.

It is also of interest to note that REA's headquarters was the first building in the Middle East with a fully tested and operational active facade system. This was designed by the

company's own innovative in-house technical team to showcase REA's ability to deliver high quality products to the MENA region.

This innovation was rewarded in 2007 when REA received an MEP award for demonstrating the highest achievable standard of Green Building Technology.

The Market Leader

REA believes in the heritage of craftsmanship, while honouring the traditional construction process. It focuses on what's best for every job individually. Originality and inventiveness shapes its methods, sustainability drives its decisions, and safety is always paramount.

The company has developed a unique and thorough Quality Program too, providing clients with a clear advantage: products that are built to be durable, low-maintenance and of high value through thoughtful consideration of the client's needs and goals. Its reputation is one of quality, integrity and value-maximisation. Consequently, you're always one step ahead with REA.