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MAGUS STRUCTURES INDIA PVT LTD 4A & 4B, IDA Charlapally Phase IV, Charlapally, Hyderabad - 500052



Comprehensive solutions with exceptional services that will enable us to address customer requirement and exceed their expectation.

We take this opportunity to introduce ourselves (Magus Structures India Pvt. Ltd.) as a 7 year old Aluminium Fabrication company in South India. We are headquartered in Hyderabad and have offices in Vishakhapatnam, Chennai, and Bangalore. Within a short span, Magus has become synonymous with aluminium fabrication in the State of Andhra Pradesh. We have had the opportunity to be associated with some prestigious projects in our region.

Magus Structures India Private Limited started its operations in 2002. The company made its mark by bringing in the concept of 3M VHB application on ACP and GLAZING in the city of Hyderabad, HUNTER DOUGLAS FAÇADE SYSTEMS in the region of Andhra Pradesh. At a time when most fabrication companies were grappling with the intricacies of HUNTER DOUGLAS SYSTEMS/ACP Cladding technologies, Magus was already delivering quality solutions and services to clients.

Today we have an extensive team of professionals who bring top quality concept, design and execution services in structural glazing and cladding to its clientele. Rich industry experience has helped us in forging alliances with customers and thus giving them value added services, which can take care of complete end-to-end requirements of the customers. We also have a design/concept Architect and AutoCAD team with us who observe the whole process of execution, thus helping us do optimum design and minimizing the wastage in various materials. This is a huge value addition for our clients. The end result being cost savings, materials procurement planning and timely delivery of the project.

Our alliances with the best companies in the business have helped us deliver quality work to our clients. We deal with companies like HINDALCO/ JINDAL ALUMINIUM/INDAL/Pennar Profiles (now Alumeco) and Bhoruka Aluminium for quality aluminum extrusions, 3M VHB tapes of U.S.A for fabrication,ALUCOBOND cladding of Aluminum Composite Panels as well as structural glazing, GE LEXAN polycarbonate sheet roofing, GODREJ Glass Fittings and Hilti /Fisher screws and fasteners as mandatory hardware. Apart from these alliances, we use only Dow Corning, GE and Wacker for all our sealant purposes and many other international brands to deliver the best for our esteemed clients.

We also have a unique alliance with the world's third largest and biggest manufacturers of Aluminum, Hunter Douglas of Netherlands. We are the only authorized installers of HUNTER DOUGLAS in the state of Andhra Pradesh and Karnataka. We are also proud to announce that Hunter Douglas systems have been incorporated in the Hyderabad International Airport. We also have unique relationships with leading glass manufacturers like Pilkington of UK.

The ethos of Magus is to demystify technologies and bring them to the customer at an affordable price, at the same time not compromising on the quality of the products & services. Understanding of the different business environment and then delivering products and services accordingly has been a driving factor for Magus. This understanding of customer expectations and managing them has helped us to cater to a wide variety of requirements of different construction environments.



At Magus every relation is looked at with a long-term perspective.

Structural Glazing

Structural Glazing as it is known today is a very fast catching concept which Architects prefer as no aluminium sections are visible from the exterior and the glass or infill material is primarily bonded to the aluminium frames by structural silicone sealants.

It is our intention to execute structurally glazed works with all the design and engineering in India, manufacture and source materials in India; including installation carried out by Magus under effective site management and supervision to ensure that quality procedures and documentation is adhered.

Aluminium Cladding

Aluminium Sheet and Aluminium Composite Cladding has recently found tremendous scope in today's architecture due to constant need to decrease the dead loads by solid claddings like granite etc. Magus has risen to this need by carrying out design, manufacture – supply, and erection – fixation of the Aluminium Composite Panel cladding, complete with all necessary sub-structures, anchors, hardware and fittings to provide a total installation, fully in conformity with the requirements and intent of the drawings and specification of the project.

The cladding is based on an Open Jointed System with provision for natural ventilation of the space between the cladding panels & the structure wall. These joints are designed so as to drain the rain water to the bottom of the cladding. All fixing and joint details are designed to provide for the expected thermal expansion and contraction to accommodate structural movement.

Some advantages of aluminium cladding...

High quality product

Extraordinary flatness, no oil-canning or ripples Wide range of surface finishes anodised or stove lacquered

Superb formability

Wide range of fixing and jointing techniques Easy to process

Light weight – easy to handle in the workshop & on site

Low maintenance

Low Dead weight as compared to Natural Stone finishes.

Curtain Walls

Magus has opened up to a new dimension in architecture. Modern production techniques, careful, engineering finish and design add up to the perfect and flexible Curtain Wall. Primarily, Curtain Walls are best defined as being non-load-bearing walls designed to provide a filtering envelope for a building. Their own deadweight and the wind forces which act on them are transferred to the building structure through anchorage points. In common with all other forms of wall construction they are required to provide the requisite standards of resistance to water penetration, air infiltration, solar heat gain, heat loss and sound transmission etc.

It generally has an aluminium frame structure and glass vision panels with spandrels which can be made of any panel material: glass, aluminium composite panel, metal sheeting, granite stone, etc.

System Design

Point-fixed Glazing
Unitised Curtainwall (interlocking,
dry sealed, pressure equalized)
Semi-unitised Curtainwall
Stick System Curtainwall
Shop-fronts
Skylights
Canopies

Project Management

Co-ordination of Engineering Submissions Review constructability for ease on installation Procurement Scheduling Co-ordination of Material Flow Shop assembly Field installation Quality Assurance

Installation

Survey of structure Placement of steel supports Aligning and Fixing Fixing of panels Finishing with sealant iteration, trim and accessories

Engineering

Designed façades complimenting the design intent Shop Drawings (for approval and installation) Fabrication Drawings (for all components) Production Orders Structural Calculations

Fabrication & Assembly

Extrusions and Profiles Vision & spandrel Panels with Clear, Tinted, Reflective and Thermal Assembly Single/Double Glazed units Aluminium Composite Panels Aluminium Joinery (Doors, Windows, Louvered Windows, Ventilators) Point Fixed glazing

Quality Assurance

Extrusion Tolerances
Alloy and Temper Verification
Fastener Testing
Joinery Alignment
Silicone Application and
Adhesion
Glass Installation and Defects
Monitoring
Unit squareness
Paint Integrity





Project Name: Hi Point

Client: M/s SOMA Enterprises Ltd

Project Description: First retail project for HUNTER DOUGLES Architectural Systems & semi unitised glazing using Glaverbels super

silver clear I.G.U's.

Facade Area: 20,000 Sq.ft Project Value: 1,18,00,000 INR



Project Name: Madhucon Corner

Client: M/s Madhucon Constructions Ltd **Project Description**: First 3M project for Aluminium Composite Cladding.Glazing executed using Saint Gobains Antelio Sky Blue.

Facade Area: 23,000 Sq.ft Project Value: 68,00,000 INR











HunterDouglas





ALUCOBOND®

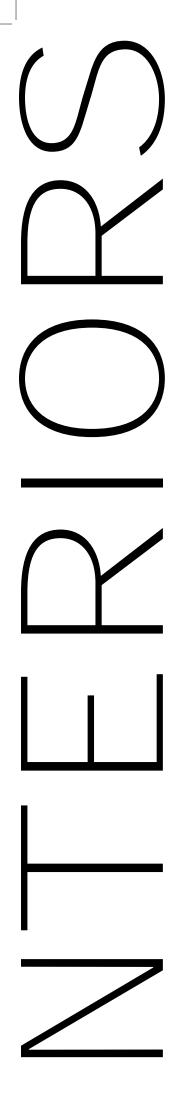




DOW CORNING



To name a few.....



ur quality deleveries to our esteemed clients in the areas of external facade have forced us to look at Interior solutions too. With this area to be coverd we have merged with a company M/s Techno Interiors for rendering professional interior environment design and planning services. Our trained interior architects and designers not only understand about design and space planning, but the effect on people working in different environment and address everything from ergonomic concerns to work environments that contribute to the productivity of the workforce.

We believe that our designs reflect the values and aspirations of its clients. We aim to exceed client expectations and create "a built friendly environment" of lasting impact. We respect budgeted costs and time schedules.

We seek to achieve our goals by creating an office environment that facilitates creativity, teamwork, leadership, quality consciousness and continual improvement through innovation.

Our expertise has garnered us architectural accolades in diverse sectors - industrial, corporate, residential, educational, financial, mixed use and commercial. Each of our projects stands as a monument to our tradition of excellence.

We offer our clients a gamut of extensive services ranging from comprehensive design to turnkey project execution. Our team of qualified staff is equipped with in-house design and drafting facilities and software to cater to all our project requirements.

Furthermore, number of our clients are repeat clientel, with whom relationships have spanned over years. Given the fact that retaining customers is the basis for future work, our approach to Customer Service is as simple as it is critical to our business.

