



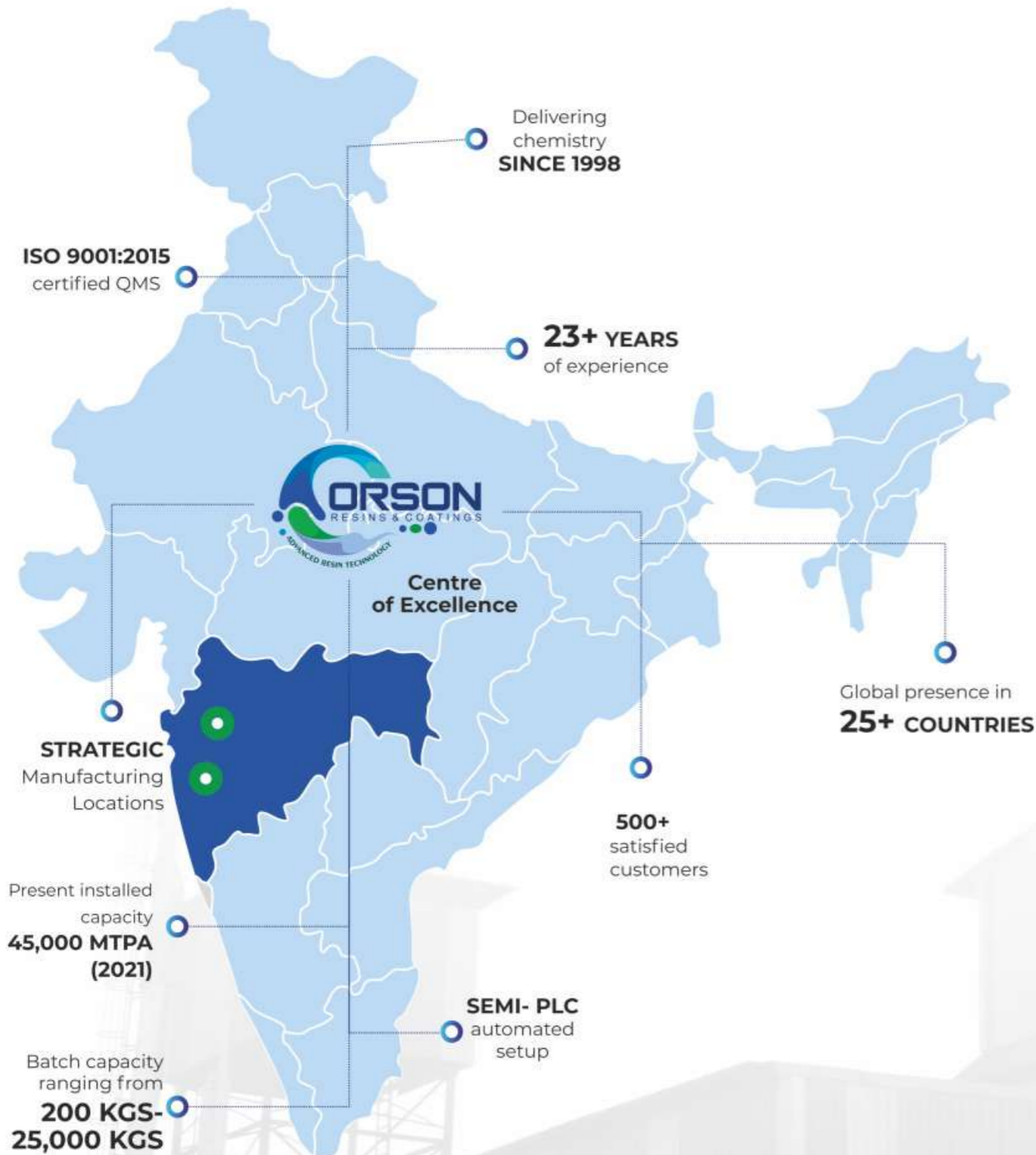
**MANUFACTURER OF RESINS
FOR
COMPOSITES, PAINTS & COATINGS**

www.orcpl.com



ACTIVE TRAY

ABOUT US



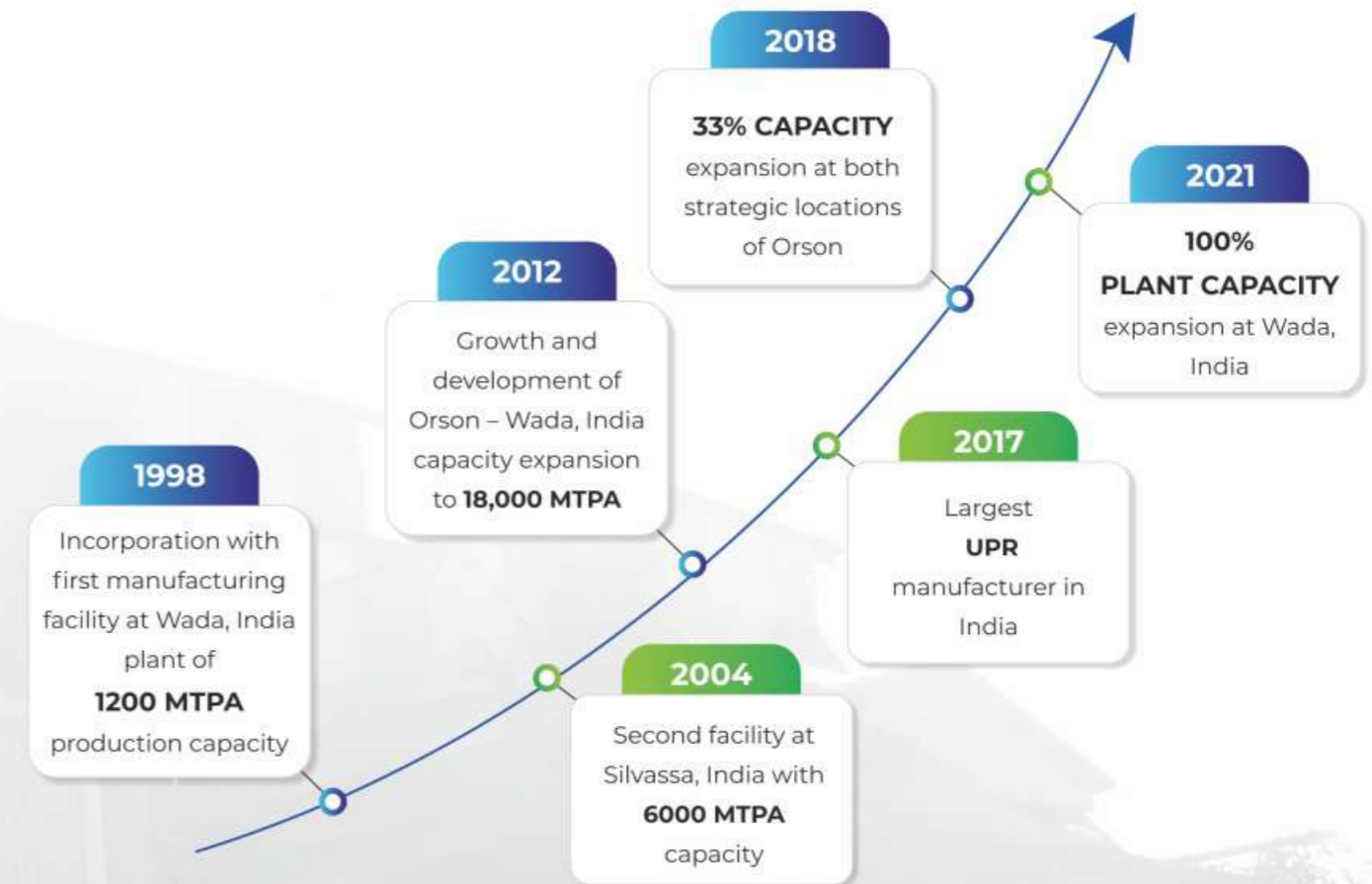
Mission

To understand your needs to design application specific high value customized products and provide unmatched technical expertise to the industry.

Vision

To be a value-added solution provider and innovator serving the global market whilst setting the standards for resin development for regional manufacturers. To maintain a challenging and harmonious environment where employees are encouraged to grow and develop to their fullest potential.

KEY HIGHLIGHTS



CERTIFICATIONS & APPROVALS

from recognized agencies/laboratories



ABOUT US

ORSON RESINS AND COATINGS PRIVATE LIMITED, headquartered in Mumbai, India, specializes in manufacturing of resins catering to a wide range of applications for industrial and recreational use. We offer premium resins and polymers, complying with various National and International Standards and partner our customers in project globally.

Ever since inception, we have been using the principles of Total Quality Management (TQM) and are an ISO 9001:2015 certified company. We manufacture products with highest quality standards under stringent environment, health and safety norms.

Orson group's wide marketing network ensures prominent presence in domestic and international markets.

INFRASTRUCTURE

Our company has two states of the art modern semi-PLC automated manufacturing facilities with independent fully equipped laboratories to manufacture quality, application specific, valued added resins for the industry.

Orson has a competitive edge and added advantage because of strategic locations of both manufacturing units.

UNIT 1: WADA

- Spread across 12,140 Square meters land
- Installed capacity: 36,000 TPA(2021)
- 50 kgs to 16000 kgs batch capabilities
- Semi- PLC automated setup
- 30 kms from Nhava Sheva port, INDIA

UNIT 2: SILVASSA

- Spread across 4047 square meters
- Installed capacity: 9000 TPA(2021)
- 50 kgs to 12000 kgs Batch Capabilities
- Modern manufacturing facility
- 180 kms from Nhava Sheva port, INDIA



RESEARCH AND DEVELOPMENT

Our **"MANTRA FOR SUCCESS"** lies in recurring innovation and development of our resins with advancing technology for future needs. Our R&D is adept in handcrafting excellence.

At Orson, we strictly believe in developing our products in-house. Orson's R&D Team has the expertise to design products as per customer's choice meeting their requirements. Research is focussed on two platforms i.e., Product and Production Technologies.

Our products are expanding every day and improvements on existing products are carried out with the same enthusiasm as the first day. There is a constant quest for expanding while integrating the product range to be offered to customers.

Orson leads the way in showing customers new system-based solutions and opportunities.

WHY US?

- Exclusively Customized Products
- Collaborations with accredited laboratories
- 24/7 Technical assistance
- Product prototyping and development
- Innovative solution for a sustainable future
- In-depth application understanding
- Rigorous quality control measures
- Pioneers in development
- Strong product development team
- Adding value to customers



OUR TECHNOLOGY RESINS FOR COMPOSITES



Orthophthalate

- Fast curing
- Excellent Wettability with Fibre reinforcement
- Excellent coverage



Isophthalate

- Excellent Corrosion resistance
- Superior hydrolytic stability
- High HDT

OUR TECHNOLOGY RESINS FOR COMPOSITES



Filament Winding

- High performance resins
- Excellent processibility
- High dimensional stability



SMC/DMC

- Superior Thickening Behavior
- Low shrinkage
- Exceptional dimensional stability



Terephthalate

- Excellent resilient properties
- Superior mechanical properties
- Good wettability with fibre reinforcement



Buttons

- High gloss
- Good transparency
- Excellent water and heat resistance



RTM/ LRTM

- High productivity
- Long durability
- Used to manufacture complex shapes



Vacuum Infusion

- Strength retention in wet environment
- Sag resistant
- Longer gel time



Skylite

- Excellent weather resistance
- Special stabilization
- Water light transparency



Pultrusion

- Designed for high-speed lines
- Excellent surface finish
- Rapid cure



Solid surface

- Exceptional gloss
- Easily machined and formed
- Resistant to Impact and Weather



Engineering Stone

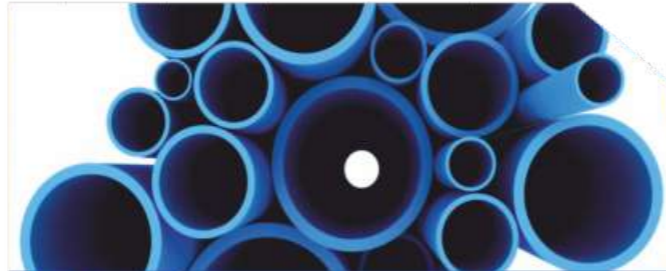
- Superior gloss
- High filler load
- High strength and surface quantity

OUR TECHNOLOGY RESINS FOR COMPOSITES



Putty

- Exceptional dry sandability
- Long storage stability
- High filler loading



CIPP

- High elongation
- Excellent chemical resistance
- Anti-sagging, anti-corrosive properties

OUR TECHNOLOGY RESINS FOR COMPOSITES



Fire Retardant Systems

- Approved certified systems
- High resistance to propagate fire
- Low smoke volume



LSE Resins

- Environment friendly product
- High strength
- Low shrinkage



Tooling system

- Exceptional surface finish
- High mechanical strength
- Highly polishable tool properties



Vinyl Ester

- High corrosion resistance
- Dynamic mechanical and thermal properties
- High elongation



Cobalt

- Provides rapid surface drying
- Ultra-high purity for various applications
- Shortens the surface drying of coatings, varnishes, stains and inks



Catalyst (MEKP)

- Initiates faster crosslinking
- Suitable for use with most polyester, vinylester resins and gelcoats
- Reliable and superior quality



Gelcoats and Topcoats

- Excellent Intrinsic weather resistance
- Exceptional consistency and surface gloss
- Resistance to Blisters and Cracks



Additives

- Promoters and Coupling Agents
- Wetting and dispersing agents
- Low profile and low shrinkage additives



Pigments

- High resistance to ultraviolet light and good chemical stability & Excellent heat stability
- Great solvent resistance



Fiberglass

- Chopped strand mats
- Direct rovings
- Woven rovings

OUR TECHNOLOGY

RESINS FOR PAINTS AND COATINGS



Alkyd

- High strength
- Good gloss retention properties
- Excellent pigment wetting



Specialty Alkyds

- Good flexibility and hardness
- Excellent chemical resistance
- Good finish



Saturated Polyester

- Enhances adhesion
- Improves toughness and bendability of film
- Superior abrasion resistance



Reactive polyamides

- Good color
- Super water and corrosion resistance
- Exceptional Light stability



Epoxy

- Good insulation property
- Superior mechanical and chemical resistance
- Great thermal stability



Thermoplastic acrylics

- Colour retention
- Excellent outdoor durability
- Outstanding soap and detergent resistance

OUR TECHNOLOGY

RESINS FOR PAINTS AND COATINGS



Acrylic Polyols

- Great water resistance
- High chemical resistance
- Good pot life



Wood Coating

- Made for high performance
- Good water blocking resistance
- Provides perfect balance between hardness and flexibility



Water based emulsions

- Good durability
- High pigment binding properties
- Excellent bonding



OUR MARKET

RESINS FOR COMPOSITES



Building & Construction

- Facades
- Solid surface tops
- Artificial Marble
- Fiber Cabins
- Amusement Parks
- Roofing sheets
- Manhole Covers



Railways

- Railway Body
- Interior
- Cable Trays
- Hand Rails
- Ladders
- Signal Poles



Electricals

- SMC Closures
- Solar Panels
- Switch gears
- Wind Turbine Blades
- Light Poles



Infrastructure

- Pipe Fittings
- Pre-fabricated structures
- Chemical pipes
- Solar panels
- Pultruded products



Marine

- Boats
- Jet Ski
- Speed Boats
- Sail Boats
- Yatch



Chemical Containment

- Chemical Tanks
- Filter systems
- Chemical Pipe Lines
- Containers



Automotive

- Bus parts
- Refrigerated vehicles
- Truck Panels
- Tractor Hood
- Putty Filling in trailers
- Bumpers



Wind Energy

- Wind turbine blades
- Nacelle covers

OUR MARKET

RESINS FOR PAINTS & COATINGS



Decorative Paint



Automotive coatings



Wood Coatings



Road markings



Can coatings



Coil coatings



Industrial Flooring



Wall Putties

CUSTOMER TESTIMONIALS



"Consistent quality of resins, application understanding and swift response strengthens our belief in Orson as a reliable supplier."

Quartz manufacturer from Middle East



"Great products and certifications"
Large Distributor from Gulf



"Orson's high-quality resins have always proven to be the right choice. Their superior performance backed by technical support helps us improve our production cycle."
One of the largest Boat manufacturers in India



"Prompt response, competitive pricing and satisfactory quality"
Largest manufacturer of artificial slabs in African region



"Highly consistent quality resins that avoid warpage in our product"
Nacelle cover manufacturer from India



"Quality resins at competitive prices"
Distributor from South America



"Excellent and sincere support to customers, always!"
Distributor from Vietnam



"High quality consistent resins"
Largest button manufacturer in Africa

GLOBAL PRESENCE



OUR BRANDS



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