

Get your customized colours  
with minimal batch quantity



TAMIRAS

Mfrs. of Powder Coatings, Industrial Paints & Allied Products  
**AARIKA CHROMA INDUSTRIES PVT. LTD.**

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TAMIRAS

Enriching Eco-friendly Surface Chemistry



## ABOUT US



Aarika Chroma Industries (P) Ltd., with over a decade of experience, We are Specialized in manufacturing of superior quality Powder Coating Paints. With a vast experience and well conversant in the powder coating industry, all our products are developed by keeping consumer perspective's in mind. We are providing our customers with all types of thermosetting powder coatings which includes Pure Epoxy, Epoxy Polyesters (Hybrid), Pure Polyesters, TGIC free Polyesters, Super Durable Powder Coatings, Functionality Coatings, Architectural, ROHS Powders, Clears, Primers and more.

With in-depth knowledge from the team of technical professionals, consultants and in-house equipment facilities, ACI makes continued efforts to achieve cost competitiveness, product innovations and customized solutions to create exceptional values on products

We ensure our customers with minimal batch size product developments, competitive pricing, after sales service supports, superior quality products and fastest deliveries, which also makes us to keep a strong foothold in the powder coating industry over decades

## INFRASTRUCTURE



We are one of the renowned and comprehensive manufacturers of Thermo setting powder coating powders located at Coimbatore, Tamilnadu with over 4000 Sq.ft of Factory Premises, along with a production capacity of 50 tons/month and plan expanding to reach 80 tons / month in a due course

We are well equipped with all latest technology lab equipments, like Conical bend, Impact Tester, TQC Gloss-O-Meter, Positector Thickness Gauge, Particle size analyzer that are capable to deliver the products precisely conforming to all International standards like ASTM, ISO etc

We are well connected all over Tamilnadu through channel partners for the speedy service and delivery of the products, as well as steadily expanding pan India reach which makes a way for our company success

At Aarika Chroma Industries (P) Ltd, We are committed to deliver Powder Coatings in a eco-friendly and cost effective quality products



## TAMIRAS™ PURE EPOXY SYSTEMS



Designed for the applications where excellent Corrosion & Chemicals resistance are required, Suitable for the industries like Indoor Furniture's, Pipe Coatings, Motor Pump Industries, Automotive under body applications, home appliances, washing machines etc.,

(These Products are suitable for Indoor applications only, not recommended for outdoor applications)

## PRODUCT RANGE

### TAMIRAS™ CLEAR COATS



Clear Coats are suitable for all indoor and outdoor applications for an extra layer of protection which can be coated over baked powder coatings. Products can be chosen depends upon exposure of substrates and are available in Epoxy, Polyester and Polyurethanes chemistries

Available Products : Epoxy Clears, Polyester Clears and Polyurethane Clears

### TAMIRAS™ SPECIAL EFFECTS



Primers are used as a base coat on powder coatings, that offers excellent corrosion resistance and good chemical resistance, can be used for both interior as well as exterior applications.

Available Products : Epoxy Primer, Epoxy Zinc Rich Primers

\*Products are available against orders only



## TAMIRAS™ HYBRID SYSTEMS



It's a combination of Epoxy and Polyester for economical advantage, these types are very popular in the general application industry like Lighting fixtures, hospital furniture's, tools, storage racks, wardrobes, electrical products – fan, fixtures, panel boards, enclosures, inverters, gym equipments, auto auxiliaries, metal cabinets etc.,



## TAMIRAS™ PURE POLYESTER SYSTEMS



These types are known for their excellent exterior durability applications, it offers good exterior durability, chemical resistance with highly impact and flexibility

These types are specially recommended to use, where the products are exposed to the sunlight. The main consuming industries are Aluminium profiles, Outdoor furniture, Agricultural equipments, outdoor lighting fixtures, facades and all products that has the exposure of sunlight



## TAMIRAS™ SUPER DURABLE POLYESTER



Super Durable polyester powder coatings are known for its all round performance that provides excellent weathering and humidity resistance

Suitable for all Outdoor applications similar to pure polyester systems

MATT				
BRICK IVORY	BC BROWN	BLACK	VIP BLUE	RED
RAL 9016	GRAPHITE GREY	IVORY	ORANGE	MUNSHELL GREY

Matt – 200°c (10-15 Mins)\*

SATIN FINISH				
BROKEN WHITE	BEIGE	SAFFRON ORANGE	BLACK	RAL 9010

Satin – 190°c (10-15 Mins)\*

SEMI GLOSSY FINISH				
BRICK IVORY	BLACK	RAL 7047 TELEGREY	RAL 2004 ORANGE	SIEMENS GREY
RAL 1028 YELLOW	LEAF GREEN	ULTRA BLUE	IS 631 LIGHT GREY	RAL 5017 BLUE
IVORY	DARK GREY	RAL 5015	SIGNAL VIOLET	TELEMAGENTA

Semi Glossy – 180°c (10-15 Mins)\*

STRUCTURE				
PURE WHITE	BROKEN WHITE	PEARL WHITE	IVORY	DARK IVORY
TELEGREY	RAL 7035	MUNSHELL GREY	IS 632 DA GREY	RAL 7016
GOLDEN YELLOW	PISTA GREEN	RAL 6011 GREEN	PARROT GREEN	P.O RED
FANTA ORANGE	RAL 5015	LISTA BLUE	VIP BLUE	PEPSI BLUE
ORFORD BLUE	ULTRA BLUE	DARK BROWN	ALPHA BROWN	BLACK

Structure – 180°c (10-15 Mins)\*

\*Actual curing time may vary depending upon the surface, we recommend you to take trial at your end for better results

GLOSS LEVEL > Dead Matt: 0-10 | Matt: 10-25 | Satin: 25-35 | Semi Glossy: 35-85 | Glossy: 85+  
Disclaimer: Colours in the Catalogue may vary from actuals, Shades shown here are for representation purpose only and help you to get better understanding about our products

GLOSS LEVEL > Dead Matt: 0-10 | Matt: 10-25 | Satin: 25 - 35 | Semi Glossy: 35-85 | Glossy: 85+ | Disclaimer: Colours in the Catalogue may vary from actuals, Shades shown here are for representation purpose only and help you to get better understanding about our products

### PURE POLYESTER

GLOSSY RAL 9016	GLOSSY RAL 9002	MATT BEIGE	GLOSSY MAHINDRA RED	STR CHERRY RED
STR AGATE GREY	SIEMSNE GREY STR	RAL 5015 STR	BLACK GREY STR	RAL 9005 JET BLACK

Pure Polyester - 200°C (10-15 Mins)\*

### TEXTURE

TRAFIIC WHITE	HAVELLS GREY	SIEMENS GREY	DARK GREY	BLACK

Texture - 180°C (10-15 Mins)\*

### METALLICS

TRAFIIC WHITE	METALLIC GREY	RED	GREEN	BROWN

Metallics - 180 to 200°C (10-15 Mins)\*

### GLOSSY

RAL 9016	PURE WHITE	IVORY	THARANI IVORY	ROYAL IVORY
LIGHT GREY	MUNSHELL GREY	GOLDEN YELLOW	LEMON YELLOW	RAL 1028 YELLOW
RAL 2011	DEEP ORANGE	LEAF GREEN	ECO GREEN	PARROT GREEN
CURRY GREEN	PEARL ORANGE	P.O RED	CHERRY RED	RAL 3028
RAL 8003	RAL 8011	GOLDEN BROWN	BC BROWN	RAL 5017
ULTRA BLUE	PEPSI BLUE	OXFORD BLUE	BLACK	SUPER GLOSSY BLACK

Glossy - 180°C (10-15 Mins)\*

### OTHER AVAILABLE FINISHES



Antique Finishes | Metallic Finishes | Translucent Finishes

### PERFORMANCE CHARACTERISTIC OF POWDER COATINGS BY TYPES



	Epoxy	Hybrid	Polyurethane	Pure Polyester
Corrosion Protection	Excellent	Very Good	Very Good	Very Good
Chemical & Solvent Resistance	Excellent	Good	Good	Good
Over Bake Stability	Poor	Poor	Excellent	Excellent
Hardness	Excellent	Very Good	fair	Good
Flexibility	Excellent	Excellent	Excellent	Excellent
Ease of Application	Very Good	Excellent	Very Good	Very Good
Exterior Stability	Poor	Poor	Excellent	Excellent

### TROUBLE SHOOTING - POINTS TO BE REMEMBER BEFORE POWDER COATING



Make sure the powder coating substrate is free from oil, dust, welding & oxide scales (corrosion)

Set up the powder coating gun parameters i, e earth, airflow, voltage as recommended, this may vary depending upon the coating products

Worn out of venturi tubes, may affects your powder flow, replace as per the recommendations by gun manufacturer

Don't operate gun very close to the components, maintain a gap of 10-15 inches away from it

Calibrate ovens every six months to maintain ideal temperatures

Ensure the component are free from moisture and residue of chemicals after pre-treatment process, failing may lead to powder coating peel off & craters

Check moisture in compressed air, which may cause pin holing

After every use, ensure the powders are free from contaminations and keep the cover tightly closed

Store powder coating powders in a cool environment, the desired temperature should be below 30°C, high humidity may cause sticking of powders together and make lumps

Test pre-treatment baths, like TDS of water, Ph Values before processing every time

Maintain powder coating thickness between 70 - 100 Microns, over baking may sometimes causes craters and poor flexibility

Ensure the coated component was completely cured, poor adhesion may result in poor impact and abrasion resistance

\*Actual curing time may vary depending upon the surface, we recommend you to take trial at your end for better results