



An ISO 9001:2008 Company

**Mfg. of Decorative Paints
& Powder Coating Powders**

**POWDER COATING POWDERS
SHADE CARD**

Gat No. 626, Near Hotel Vijay Executive, Pune-Saswad Road,
Wadki Nala, Village Wadki, Pune - 412 308

Office No.: 96650 69548

Email : rajyogpaints@gmail.com Web : www.rajyogpaints.com

TESTING FACILITY :

The special equipments used in our R&D and QC work are listed below.

- 1 Small Extruder and Mixer
- 2 ACM Mill
- 3 Impact Tester
- 4 Cross Hatch Cutter
- 5 Gloss Meter
- 6 DFT Meter
- 7 Constant water bath
- 8 Salt Spray Chamber
- 9 Cupping Test Apparatus
- 10 Scratch Hardness Tester
- 11 Conical Mandrel BEND
- 12 Boiling water test
- 13 Detergent resistance test
- 14 Chemical resistance test

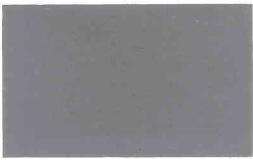
CURING CYCLES:

- (a) Pure epoxy – 190 degree Celsius for 15 mins. (metal temperature)
- (b) Pure Polyester (with TGIC) – 200 degree Celsius for 15 mins. (metal temperature)
- (c) Pure Polyester (Non-TGIC) – 200 degree Celsius for 15 mins. (metal temperature)
- (d) High performance Pure Polyester - 200 degree Celsius for 15 mins. (metal temperature)
- (e) Epoxy Polyester (Hybrid) – 180 degree for 15 mins. (metal temperature)
- (f) Poly Urethane – 200 degree Celsius for 15 mins. (metal temperature)

POWDER COATING STEPS

1. Maintain clean & dust free work area.
2. Ensure both guns & booths are clean before starting work.
3. Do not mix powder from two different suppliers.
4. Attention should be given to the flow of clean, dry, oil free compressed air supply at right pressure.
5. Reclaimed powder should be sieved prior to mixing in proportionate quantities with fresh powder.
6. Store powder in cool & dry place with temperature not exceeding around 30 degree Celsius
7. Proper surface pre-treatment of the article to be coated is critical to obtaining good powder coating results.
8. Check those pre-treatment chemicals are in good condition and correct strength.
9. Metallic powder should be used with the charging voltage set to minimum.

PURE POLYESTER



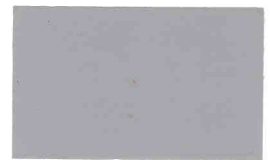
ST. PP. RAL 7037 - 8768



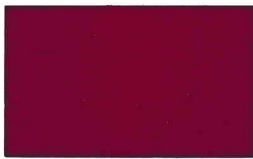
GL. PP. GREY - 8022



GL. PP. LIGHT IVORY - M - 6644



GL. PP. RAL 7045 - 8654



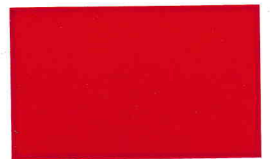
GL. PP. RAL 4004 - 7998



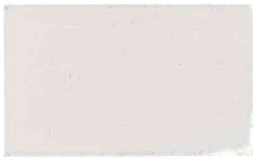
GL. PP. SANI YELLOW - 6045



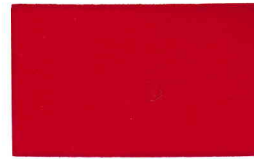
MT. PP. BLACK - 3696



GL. PP. BLOOD RED - 7073



GL. PP. RAL 7047 - 3399



GL. PP. RAL 3013 - 7089



ST. PP. RAL 7042 - 7997



MT. PP. STONE BRICK - 7976



GL. PP. DARK GREY - 8761



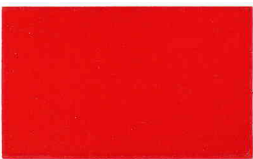
GL. PP. ROYAL BLUE - 4005



ST. PP. BROWN ASIAN - 8749



ST. PP. RAL 7016 - 8990



GL. PP. SAFEX RED - 7788



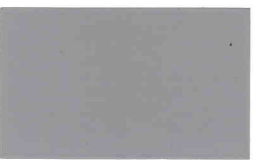
GL. PP. DARK IVORY - M - 6464



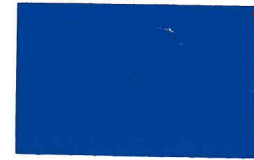
GL. PP. P.O. RED - 7080



ST. PP. RAL 7004 - 8391



GL. PP. PEARL GREY - 7790



GL. PP. RAL 5002 - 4815



GL. PP. DA GREY - 9003



GL. PP. RAL 9010 - 6584



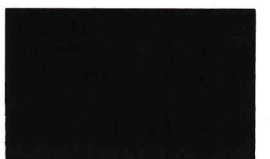
ST. PP. BLACK - 4443



GL. PP. BROWN - K - 2233



GL. PP. BLACK - 4042



ST. PP. NUT BROWN - 3002



ALL EP. & PP. SHADES
AVAILABLE IN BELOW FINISHES

1. TEXTURE FINISH
2. STRUCTURE FINISH
3. LEATHERITE FINISH

EPOXY – POLYESTER (HYBRID)




GL. EP. SIGNAL WHITE - 6001



GL. EP. DARK IVORY K - 6707



GL. EP. CREAM - M - 6308



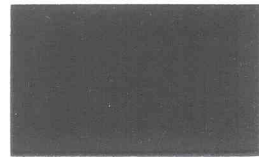
GL. EP. BROWN - K - K - 2998



GL. EP. P.O. RED - S - 7733



GL. EP. B.C. BROWN - 2798



GL. EP. DARK GREY - N - 4514



GL. EP. GOLDEN YELLOW - 6617



GL. EP. IVORY - T - 6003



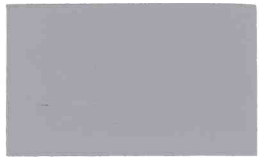
GL. EP. PASTLE ORANGE - 7987



GL. EP. DARK CREAM A - 6954



GL. EP. RED - S - 7070



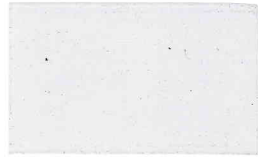
GL. EP. MUNSHEL GREY - 7156



GL. EP. MILKY WHITE - 6700



GL. EP. BROWN K - 2728



GL. EP. CLASSIC WHITE - 6007



GL. EP. DARK CREAM K - 6161



GL. EP. P.O. RED - 7180



GL. EP. LIGHT GREY - 8131



GL. EP. META ORANGE - LF - 7200



GL. EP. NUT BROWN - 2413



GL. EP. DARK GREY - 8418



GL. EP. PARROT GREEN - 8441



GL. EP. OFF WHITE - 6187



GL. EP. P.O. RED - N - 7080



GL. EP. JASMIN YELLOW - 6162



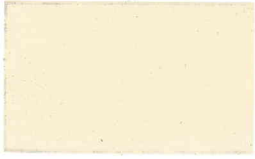
GL. EP. FILTER RED - 5088



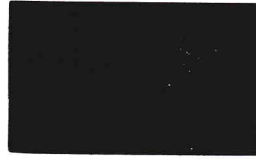
GL. EP. NUT BROWN - K - 2913



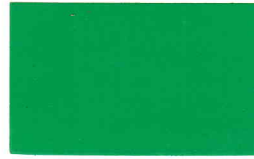
EPOXY – POLYESTER (HYBRID)



ST. EP. DARK CREAM - 6955



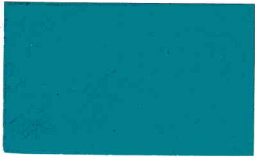
ST. EP. NUT BROWN - 2993



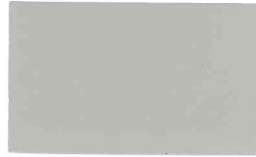
GL. EP. GREEN - K - 8145



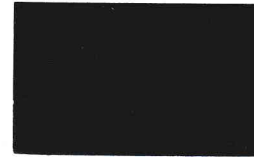
ST. EP. IVORY - 6098



ST. EP. TURQUISE BLUE - 4984



GL. EP. RAL. 7032 - 7671



ST. EP. B.S. GREY - 8770



ST. EP. OXFORD BLUE - 4898



GL. EP. RAL 7035 - 7644



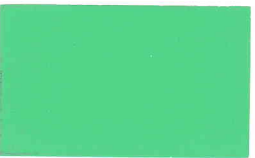
GL. EP. RAL 5015 - 5876



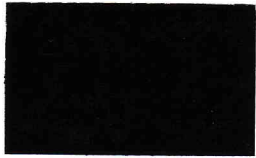
GL. EP. RELIANCE GREEN - 8279



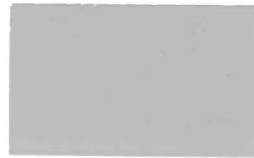
ST. EP. BROWN - T - 2203



GL. EP. OPLINE GREEN - 8976



GL. EP. BLACK 1021



ST. EP. PENCIL GREY - 9393



GL. EP. COOL BLUE - 4324



ST. EP. VIP BLUE - 4474



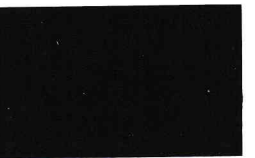
ST. EP. PURPLE RED - 8799



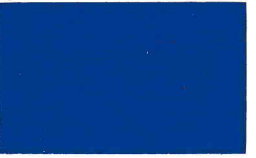
GL. EP. APPLE GREEN - 8014



ST. EP. GREY - 3700



ST. EP. B.C. BROWN - M - 2090



GL. EP. PEPSI BLUE - 4229



ST. EP. M.G. GREY - 7896



ST. EP. BLACK - 2001



ST. EP. GREEN - K - 8805



ST. EP. SAND STONE - 7090

IMPORTANT :

1. Shades are shown for reference only.
2. Kindly check panels before confirmation of shades.
3. All above shades are available in Glossy / Semi Glossy / Satin / Matt in both EP & PP.

EPOXY – POLYESTER (HYBRID)

MT. EP. SUPER WHITE - 3009

MT. EP. RAL 5015 - 5876

MT. EP. RAL 3013 - 7645

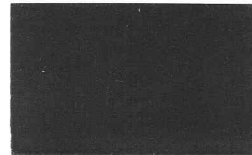
MT. EP. WHITE - 3005



MT. EP. STEEL GREY - 5769



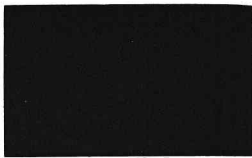
MT. EP. RAL 6000 - 8321



MT. EP. RAL 7039 - 9101



MT. EP. RAL 5017 - 5966



MT. EP. B.C. BROWN - 2199



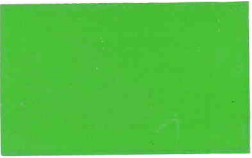
MT. EP. IVORY - 3535



MT. EP. RAL 3017 - 7771



MT. EP. BROWN - O.S - 3876



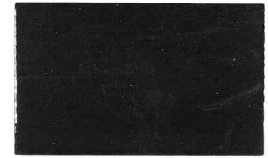
MT. EP. RAL 6018 - 8855



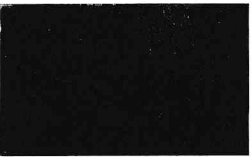
MT. EP. RAL 2003 - 7987



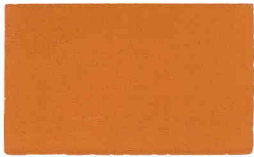
MT. EP. VIP BLUE - 4982



MT. EP. RAL 7012 - 3013



MT. EP. CHARCOAL BLACK - 3957



MT. EP. RAL 8001 - 2134



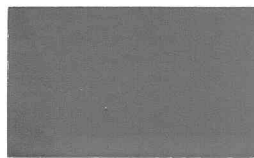
MT. EP. MANILA GREY - 3958



MT. EP. RAL 2010 - 7191



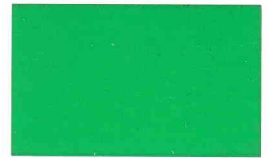
MT. EP. CREAM - 3594



MT. EP. RAL 7037 - 8768



MT. EP. BLACK - 3010



MT. EP. RAL 6032 - 8108



MT. EP. WOOD BROWN - 3113



STN. EP. SIEMENS GREY - 1154



MT. EP. HEVELLS GREY - 8161



MT. EP. RAL 5010 - 5094



PP - PURE POLYESTER
 EP - EPOXY POLYESTER
 GL - GLOSSY
 SG - SEMI GLOSSY
 ST - SATIN

TEX - TEXTURE FINISH
 MET - METALLIC FINISH
 WR - WRINKLE FINISH
 LED - LEATHERITE FINISH

TECHNICAL DATA SHEET

Technical Data Sheet		Pure - Polyester
Shade All glossy / semi glossy & matt shades.		01.04.2018
Powder Properties:	Parameter	Results
Specific Gravity	-----	1.2 - 1.7
Theoretical Coverage	-----	10-12 sq mts per kg on 50/60 microns DFT
GLOSS	At 60 d	Glossy (95+) Satin (45+) Matt (15+)
Adhesion - cross hatch	GT 0	Passes
Pencil harness	H - 2H	Passes
Ericson cupping test	6 mm	Passes
Impact resistance	100 kg-cm	Passes
Flexibility	5 mm mandral bend	Passes
Scratch hardness	2000 gms	Passes
Salt spray resistance	1000 hours	Passes
Humidity resistance	1000 hours	Passes
Water immersion	500 / 600 hours	Passes
Shelf Life	-----	6 months from manufacturing
Storage temperature	-----	Below 30 degree

Technical Data Sheet		Epoxy-Polyester (Hybrid)
Shade All glossy / semi glossy & matt shades.		01.04.2018
Powder Properties:	Parameter	Results
Specific Gravity	-----	1.2 - 1.7
Theoretical Coverage	-----	10-12 sq mts per kg on 50/60 microns DFT
GLOSS	At 60 d	Glossy (90+) Satin (45+) Matt (15+)
Adhesion - cross hatch	GT 0	Passes
Pencil Hardness	H - 2H	Passes
Ericson cupping test	6 mm	Passes
Impact resistance	100 kg-cm	Passes
Flexibility	5 mm mandral bend	Passes
Scratch hardness	2000 gms	Passes
Salt spray resistance	1000 hours	Passes
Humidity resistance	1000 hours	Passes
Water immersion	500 / 600 hours	Passes
Shelf Life	-----	6 months from manufacturing
Storage temperature	-----	Below 30 degree

Technical Data Sheet		Epoxy-Polyester (Hybrid)
01.04.2018		Structure & Texture Finish
Powder Properties:	Parameter	Results
Specific Gravity	-----	1.8 - 2.0
Theoretical Coverage	-----	08/10 sq mts per kg on 50/60 microns DFT
GLOSS	At 60 d	----
Adhesion - cross hatch	GT 0	Passes
Pencil harness	H - 2H	Passes
Ericson cupping test	4 mm	Passes
Impact resistance	80 kg-cm	Passes
Flexibility	6 mm mandral bend	Passes
Scratch hardness	2000 gms	Passes
Salt spray resistance	Above 500 hours	Passes
Humidity resistance	1000 hours	Passes
Water immersion	500 hours	Passes
Shelf Life	-----	6 months from manufacturing
Storage temperature	-----	Below 30 degree

Technical Data Sheet		Pure - Polyester
01.04.2018		Structure & Texture Finish
Powder Properties:	Parameter	Results
Specific Gravity	-----	1.8 - 2.0
Theoretical Coverage	-----	08/10 sq mts per kg on 50/60 microns DFT
GLOSS	At 60 d	----
Adhesion - cross hatch	GT 0	Passes
Pencil harness	H - 2H	Passes
Ericson cupping test	4 mm	Passes
Impact resistance	80 kg-cm	Passes
Flexibility	6 mm mandral bend	Passes
Scratch hardness	2000 gms	Passes
Salt spray resistance	Above 500 hours	Passes
Humidity resistance	1000 hours	Passes
Water immersion	Above 500 hours	Passes
Shelf Life	-----	6 months from manufacturing
Storage temperature	-----	Below 30 degree

RAJYOG PAINTS PROFILE

We feel happy to introduce ourselves as one of the well known and leading manufacture of Liquid Paints and Powder Coating powders under brand name 'Rajyog Paints.' Since from establishment in 2004 we are serving our Liquid Paints and from 2016 have started our Powder Coating Powders. Rajyog Paints has always been a family owned business which prides itself in offering a high level of quality that come from experience and professional service. Rajyog Paints is an ISO 9001:2008 certified company and have a well established track record with great customer satisfaction.

Manufacturing and Quality - Powder Coating Powders

Rajyog Paints has its manufacturing setup of 30000 Sq. ft. near Pune city at Plot No. 626, Wadki Nala, Pune Saswad Road, Pune

List of Machinery for Powder Coating Powder Manufacturing

1. Extruder (Two No.) with a Capacity of 200 Kg / Hr.
2. ACM Mill (Two No.) With A Same Capacity As Of Extruder Along With Attached Filter machine.
3. Chilling Plant for Both Machines.

We specially forces on on-time deliveries of our quality products with our excellent services. Our highly qualified Technical team having more than 10 years of experience in powder coating powder manufacturing constantly work towards customer satisfaction in terms of quality, new developments, economy, environment - friendly formulations with consistency. At Present our Manufacturing Capacity is 100 tons/month. And our future expansion plans are to achieve the capacity around 200 tons/month along with instant supply of odd shades as well.

Quality Control : The Lab is also equipped with its own Lab-mixer, small extruder, Lab Pulverizer, Lab Seiver, lab coating booth and lab oven for all our R&D and QC work.

At Rajyog paints we do undertake rigorous online quality check for quality consistency in every batch. We have well-defined quality check points right from Raw Material inward to finished product packing helps us to maintain our quality and satisfy our customer at any point of time.

SALIENT FEATURES:

- (a) We provide powders (lead, crome, cadmium & mercury free) as per ROHS & REACH standards.
- (b) Colors for all RAL, Pantone & IS standard shades can be provided as per customers requirements.
- (c) Colors & finishes other than RAL, Pantone & IS can be provided as per customer requirements.

PRODUCT RANGE:

- (a) Pure Epoxy
- (b) Pure Polyester
- (c) Epoxy – Polyester – Hybrid
- (d) High performance Pure – Polyester
- (e) Poly Urethane (coming soon)

All colors can be provided in different finishes (Textures, structures, plain and metallic) for matt, satin, semi glossy & glossy product.