

## APCOMIN INDUSTRIAL ALUMINIUM

Alkyd Aluminium Finish

### PRODUCT DESCRIPTION

Single pack, air drying, synthetic resin based aluminium finish

### FEATURES AND RECOMMENDED USE

- ! excellent durability and corrosion resistance
- ! Good adhesion and flexibility
- ! Good weather resistance & water resistance
- ! heat resistance up to 120°C

### TECHNICAL DATA

colour	aluminium
Gloss	Bright Metallic
Volume Solids	approx. 40%
recommended DFT / coat	20 - 25 microns
Theoretical coverage capacity	20.0 sq.mtr/ ltr @ 20 microns DFT 16 sq.mtr/ ltr @ 25 microns DFT
Drying time at 30°C	Surface Dry : 4 hours hard Dry : 16 hours
over coating interval at 30°C	Min. : 16 hours Max. : unlimited provided surface is dry and clean from all contamination.

The data given is for guideline only. The physical values are subject to normal manufacturing tolerances, colour and testing variances. The volume solids indicated are as per ASTM D 2697 air drying method. The actual drying time/ overcoat interval may be shorter or longer, depending on film thickness, ventilation, humidity, Temperature etc. The information provided above is at 30°C and 65% relative humidity.

## DIRECTION FOR USE

### Surface Preparation

#### General:

- ! Suitable conventional primer or epoxy primer, dry and free from any contamination
- ! Surfaces must be dry, clean and free from contaminants
- ! ensure removal of dirt, dust, oil and all other contaminants that could interfere with adhesion of the coating
- ! oil and grease should be removed as per SSPC-SPI solvent cleaning
- ! Surface should be checked and treated in accordance with ISO 8504 prior to priming

### Blast Cleaning

- ! Steel, blast clean to Sa 2.5 of Swedish specification
- ! a blasting profile of (Rz) 20 - 25 microns is recommended
- ! in case blast cleaning is not possible, surface should be cleaned to St 3 using power tools

### Blast Cleaning

- ! Substrate temperature should be at least 3°C above dew point but not above 50°C.
- ! relative humidity should be below 85%
- ! Good ventilation is required in confined areas to ensure proper curing mixing.
- ! Mixing entire quantity of supplied aluminum paste thoroughly with a small quantity of medium and then add the mixture to the remaining medium. Stir well before use.

<b>Mixing Ratio</b>	Medium	: aluminium Pest
(by weight)	86	: 14
Pot Life at 30°C	not applicable	

## APPLICATION

### Air Spray

recommended thinner	T - 101
Volume of thinner	nil
nozzle orifice	1.5 - 3.0 mm
nozzle Pressure	0.3 - 0.4 MPa (= approx. 3 - 4 atm; 43 - 57 p.s.i.)
cleaning Thinner	T - 101

### **Brush / Roller**

recommended thinner	T - 101
Volume of thinner	nil

### **Note:**

- | For best results, use the mixed paint within 6 hours of mixing.
- | The larger period will reduce the lust re of the paint.
- | Product should not be applied on hot surfaces.

### **CLEANING**

| Do not allow the product Lo to remain in hoses, gun or sprag equipment. clean all equipment immediately after use with thinner T -101. it is recommended Lo periodically flush out sprag equipment during the working day. The frequency of cleaning will depend on amount: sprayed, temperature and time gap.

| all surplus material and empty containers should be disposed off in accordance with appropriate regional legislation.

### **PRODUCT CHARACTERISTICS**

| The maximum performance is achieved after complete drying.

| at higher relative humidity, drying may get retarded.

| application of suitable primer will improve corrosion resistance.

| not recommended for use in highly acidic environment or where acid/ alkali spillage occurs

<b>PACK SIZE</b>	4 ltrs
<b>STORAGE</b>	<b>Shelf Life:</b> Atleast 12 months @ 30°C for original unopened pack, subject to inspection thereafter. Store in a cool, dry place and in accordance with local regulations
<b>REGULATORY INFORMATION</b>	<b>Flash Point</b> Not less than 30°C
	<b>VOC</b> 610 ± 10 gm/ ltr (depending on shades)as per USA-EPA Method 24
	<b>Product Weight</b> Approx. 0.95 ± 0.02 kg/ ltr

### **SAFETY INFORMATION**

- | As a general safety measure, inhalation of solvent vapours or paint mist and contact of liquid paint with skin & eyes, should be avoided. Forced ventilation should be provided when applying paint in confined spaces or stagnant air. Even when ventilation is provided, respiratory, skin and eye protection are always recommended when spraying paint.
- | Please refer our Material Safety Data Sheet prior to using the product.

### **DISCLAIMER**

To the best of our knowledge the information provided herein are true and accurate at the date of issuance. Since we have no control over the quality or condition of the substrate or the various factors affecting the use and application of the product, we do not accept any responsibility or liability arising out of use of the product. The company reserves the right to modify data contained herein without prior notice. Any change in data would normally be followed by issue of a new data-sheet. The user should check with the nearest sales office of the company and confirm the validity of the information, prior to using the product.

\* APCOMIN is a Trademark of Asian Paints Ltd.

## APCOMIN INDUSTRIAL ENAMEL

Alkyd

### PRODUCT DESCRIPTION

Single pack, air drying, high gloss alkyd finishing paint.

### FEATURES AND RECOMMENDED USE

- I Glossy enamel suitable for interior and exterior use under industrial 6 coastal atmospheric conditions
- I Easy application by brush with excellent flow
- I Good weather resistance
- I Good colour retention
- I Can be applied over adherent alkyd, epoxy, and polyurethane coatings.
- I Meets the requirement of IS:2932 & IS:8662 specifications.

### TECHNICAL DATA

Colour	Range
Gloss	Glossy
Volume Solids	Approx. 42%
Recommended DFT / Coat	20 - 25 microns
Theoretical Coverage Capacity	21 sq.mtr/ ltr @ 20 microns DFT 16.8 sq.mtr/ ltr @ 25 microns DFT
Drying time at 30°C	Surface Dry : 4 hours Hard Dry : 16 hours
Over coating interval at 30°C	Min. : 16 hours Max. : Unlimited, provided surface is dry and clean from all contamination

The data given is for guideline only. The physical values are subject to normal manufacturing tolerances, colour and testing variances The volume solids indicated are as per ASTM D 2697 air drying method. The actual drying time/ overcoat interval may be shorter or longer, depending on film thickness, ventilation, humidity, temperature etc. The information provided above is at 30° C and 65% relative humidity.

## DIRECTION FOR USE

### Surface Preparation

#### General:

- I Suitable alkyd / epoxy primer or intermediate coat, dry and free from any contamination.
- I Ensure removal of dirt, dust, oil and all other contaminants that could interfere with adhesion of the coating. Oil and grease should be removed as per SSPC-SPJ solvent cleaning.
- I In case of aged alkyd or epoxy coating, the surface should be sufficiently roughened if necessary.

### APPLICATION CONDITIONS

- I Substrate temperature should be at least 3°C above dew point but not above 50°C.
- I Relative humidity should be below 85%
- I Good ventilation is required in confined areas to ensure proper curing.

### MIXING

- I If settling is observed in the drum, loosen the settled material with the help of hand stirrer followed by power driven stirrer for quick homogenous mixing.
- I Thinner should be added after mixing. Addition of excessive thinner will lead to reduced sag resistance.

### APPLICATION

#### Air Spray

Recommended thinner	T 101
Volume of thinner	10 - 20 %
Nozzle orifice	1.5 - 3.0 mm
Nozzle pressure	0.3-0.4 MPa (= approx. 3-4 atm; 43-57 p.s.i.)
Cleaning Thinner	T 101

#### Airless Spray

Recommended thinner	T 101
Volume of thinner	0 - 5%
Nozzle orifice	0.28 mm (11 Thou)
Nozzle pressure	12 MPa (= approx. 120 atm; 1700 p.s.i.)
Cleaning Thinner	T 101

#### Brush / Roller

Recommended thinner	T 101
Volume of thinner	0 - 5%

## CLEANING

! Do not allow the product to remain in hoses, gun or sprag equipment. Clean all equipment immediately after use with Thinner T -101. IL is recommended Lo periodically flush out sprag equipment during the course of the working day. The frequency of cleaning will depend on amount sprayed, temperature and time gap.

! All surplus material and empty containers should be disposed of in accordance with appropriate regional legislation.

## PRODUCT CHARACTERISTICS

! The product is not recommended for continuous immersion in water or continuous splash of water.

! The maximum performance is achieved after complete drying.

! AL higher relative humidity, drying may get retarded.

! AT higher DFT wrinkling of the surface will be seen

<b>PACK SIZE</b>	<b>1 ltr, 4 ltr, 20 ltr</b>
<b>STORAGE</b>	<b>Shelf Life:</b> Atleast 12 months @ 30°C for original unopened pack, subject to inspection thereafter. Store in a cool, dry place and in accordance with local regulations
<b>REGULATORY INFORMATION</b>	<b>Flash Point</b> Not less than 30°C
	<b>VOC</b> 545 ± 30 gm/ ltr (depending on shades)as per USA-EPA Method 24
	<b>Product Weight:</b> Approx 1.0 ± 0.08 kg/ ltr (depending on shades)

## SAFETY INFORMATION

! As a general safety measure, inhalation of solvent vapours or paint mist and contact of liquid paint with skin & eyes, should be avoided. Forced ventilation should be provided when applying paint in confined spaces or stagnant air. Even when ventilation is provided, respiratory, skin and eye protection are always recommended when spraying paint.

! Please refer our Material Safety Data Sheet prior to using the product.

## Disclaimer:

To the best of our knowledge the information provided herein are true and accurate at the date of issuance. Since we have no control over the quality or condition of the substrate or the various factors affecting the use and application of the product, we do not accept any responsibility or liability arising out of use of the product. The company reserves the right to modify data contained herein without prior notice. Any change in data would normally be followed by issue of a new datasheet. The user should check with the nearest sales office of the company and confirm the validity of the information, prior Lo using the product.

\* APCOMIN is a Trademark of Asian Paints Ltd.