

# Packme Industries

## PREFACE

Whenever we see any industrial product, the first impression is created from its outlook. The outlook depends considerably on the colour & design of the product. Wherever colour is required, "Packme Industries" offers itself gladly at your service.

Packme Industries is an ISO 9001:2000 certified company which was formed in the year of 1983 at the G.I.D.C. Estate - Vithal Udhyognagar, Gujarat. What started as a small manufacturing unit, gradually developed into a complete unit with its own research & development capability. Since then, we have developed an entire range of Industrial Paints & allied products. Our commitment to excellence is relentless & the response from our reputed clients has inspired us to enter the big league.

Thereby, we are glad to offer you our "Product Guide" which will give you a quick insight into our range of products.

We sincerely hope that it satisfies its purpose.

Hemant C Amin

Managing Partner

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# ACRYLATED ALKYD PAINT

## INTRODUCTION

- It is a rust-inhibitive, patented acrylic modified alkyd coat.
- It can be used as fast drying maintenance primer.
- It is fast drying and has a high-gloss finish.
- For industrial and commercial applications on steel, aluminum, galvanized metal, and wood to protect against atmospheric corrosion.

## TECHNICAL DATA

Colour	: Range
Finish	: Glossy / Semi-Glossy / Matt
Solid Volume	: 43 ± 5 %
Recommended DFT	: 25 to 35 microns
Theoretical Covering Capacity	: 16.00 m <sup>2</sup> /l @ 25 microns dft 11.43 m <sup>2</sup> /l @ 35 microns dft
*Drying Time at 30° C	: Surface Dry : 15 to 30 minutes : Hard Dry : Overnight : Tack Free : 1½ to 3½ hrs.
*Over coating interval at 30° C	: Min. : 08 hrs. : Max. : 03 years, provided surface is dry and clean from all contamination.
Shelf life (cool & dry place)	: At least 06 months
Flash Point	: Not less than 28° C

\* **Drying** and **over** coating times are related to the film thickness, temperature, the relative humidity of the air, ventilation & type of "**Recoat**" paint used.

## DIRECTION FOR USE

### *SURFACE PREPARATION*

Before the application of synthetic enamel, a coat of synthetic primer / epoxy primer or intermediate coat is recommended. For previously painted Power or Hand washing is recommended to remove contamination.

All surfaces must be clean, sound, dry and free of all dirt, dust, wax, oil, grease, chalk and any other contamination that would interfere with new coating adhesion. Bare surfaces must be properly prepared prior to application of this product.

Ideally, the surface should be cleaned by "Solvent 148".

Surface temperature must be at least 3° C above dew point but not above 50° C.

### **MIXING**

Mix thoroughly by mechanical shaker or stirring. For best results, brush prime all welds, sharp edges and crevices prior to application of full prime coat.

### **APPLICATION METHOD**

Equipment must be clean prior to start. Flush airless lines with mineral spirits. Apply the product in full even coats and maintain a wet edge. Allow the product to dry between coats.

#### **BRUSH/ROLLER**

Recommended thinner : Synthetic Thinner  
Volume of thinner : 00-07 %

#### **AIR SPRAY**

Recommended thinner : Synthetic Thinner  
Volume of thinner : 10-20 %  
Nozzle orifice : 1.5-3.0 mm  
Nozzle pressure : 0.25-0.4 MPa (=approx.2.5-4 atm; 36-57 p.s.i)

#### **AIRLESS SPRAY**

Recommended thinner : Synthetic Thinner  
Volume of thinner : 00-07 %  
Nozzle orifice : 0.30-0.36 mm  
Nozzle pressure : 12 to 15 MPa (=approx.120 -150 atm;  
1700-2100 p.s.i)

### **STORAGE**

Store in a cool & dry place. Store as per prevailing regulations.

### **PACKING**

Single Pack : 20 Litres / 04 Litres / 01 Litre

### **SAFETY GUIDELINES**

This product is for industrial use only by professional applicators and is not intended or suitable for use in or around a household or residential property. Keep away from children and household items. Improper handling and use may be hazardous. 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, skin & eye protection is always recommended while spraying paint. At all times safety precautions must be strictly followed during storage, handling and application. If necessary, kindly refer to our Material Safety Data Sheet for detailed safety measures.

To prevent pollution, kindly do not discard tins or pour paint into water courses. It is best to allow paints to harden before disposal.

The above information, based on laboratory tests and practical experience, has been proved valid at the date marked on the product data sheet. When necessary verify the validity of the product data sheet. The quality of the product is ensured by our operational system, based on the requirements of the standards ISO 9001 and ISO 14001. As a manufacturer we cannot be responsible for any damages caused by using the product against our instructions or for inappropriate purposes.



# ALLIPHATIC POLYURETHANE PAINT

## INTRODUCTION

- Recommended especially to be used as a single coat finish for agricultural and earth moving machinery and other machinery and equipment.
- Suitable also to be used as a topcoat in epoxy/polyurethane systems exposed to weathering and chemical stress, e.g. storage tank exteriors, steel framework and other steel structures.
- Excellent weathering and abrasion resistance.
- A durable, easy to clean and non-chalking topcoat with good gloss and colour retention.

## TECHNICAL DATA

Colour	:	Range
Finish	:	Glossy / Semi-Glossy / Matt
Solid Volume	:	Approx. 48 %
Recommended DFT	:	35 - 45 microns
Theoretical Covering Capacity	:	11.50 m <sup>2</sup> /l @ 35 microns dft 08.90 m <sup>2</sup> /l @ 45 microns dft
*Drying Time at 30° C	:	Surface Dry : 30 minutes Tack Free : 3 hrs. Hard Dry : 15 hrs. Full Cure : 7 days
*Over coating interval at 30° C	:	Min. : 7.5 hrs. Max. : 3 years, provided surface is dry and clean from all Contamination.
Shelf life (cool & dry place)	:	12 months
Flash Point	:	Base : not less than 25° C Hardener : not less than 24° C

\* **Drying** and **over** coating times are related to the film thickness, temperature, the relative humidity of the air, ventilation & type of "**Recoat**" paint used.

## DIRECTION FOR USE

### *SURFACE PREPARATION*

All surfaces must be clean, sound, dry and free of all dirt, dust, wax, oil, grease, chalk and any other contamination that would interfere with new coating adhesion. Bare surfaces must be properly prepared and primed prior to application of this product.

Ideally, the surface should be cleaned by "Solvent 148".

Suitable epoxy primer, epoxy/polyurethane undercoat should be used.

Surface temperature must be at least 3° C above dew point but not above 50° C.



## **MIXING**

Stir the base and hardener separately. If settling is observed in the base, loosen the settled material with help of hand stirrer followed by power driven stirrer for quick homogenous mixing. Mix hardener gradually into the base under continuous stirring as follows :

Mixing ratio (by volume)	:	BASE	:	HARDENER
	:	3	:	1
Induction time	:	30 minutes		
Pot life at 30°C	:	150 minutes		

## **APPLICATION METHOD**

### **BRUSH/ROLLER**

Recommended thinner	:	P.U. Thinner
Volume of thinner	:	0-6 %

### **AIR SPRAY**

Recommended thinner	:	P.U. Thinner
Volume of thinner	:	06-24 %
Nozzle orifice	:	1.5-3.0 mm
Nozzle pressure	:	0.3-0.4 MPa (=approx.3-4 atm; 43-57 p.s.i)

### **AIRLESS SPRAY**

Recommended thinner	:	P.U. Thinner
Volume of thinner	:	00-15 %
Nozzle orifice	:	0.28-0.34 mm
Nozzle pressure	:	10 to 14 MPa (=approx.100 -140 atm; 1400-1900 p.s.i)

## **STORAGE**

Store in a cool & dry place. Store as per prevailing regulations.

## **PACKING**

Two Pack : 20 Litres / 04 Litres / 01 Litre

## **SAFETY GUIDELINES**

This product is for industrial use only by professional applicators and is not intended or suitable for use in or around a household or residential property. Keep away from children and household items. Improper handling and use may be hazardous. 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, skin & eye protection is always recommended while spraying paint. At all times safety precautions must be strictly followed during storage, handling and application. If necessary, kindly refer to our Material Safety Data Sheet for detailed safety measures.

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# ALUMINIUM PAINT

## INTRODUCTION

- It provides a high-gloss aluminum finish that can be applied to a variety of surfaces such as masonry, fences, poles, sign markers, structural steel, piping, machinery, equipment and tanks.
- It offers excellent protection and resistance to surfaces exposed to the elements.
- It is easy to apply.

## TECHNICAL DATA

Colour	: Aluminium
Finish	: Egg-Shell
Solid Volume	: Approx. 25 %
Recommended DFT	: 20 - 30 microns
Theoretical Covering Capacity	: 11.55 m <sup>2</sup> /l @ 20 microns dft 07.70 m <sup>2</sup> /l @ 30 microns dft
*Drying Time at 30° C	: Surface Dry : 3 hrs : Tack Free : 4 hrs. : Hard Dry : 16 hrs.
*Over coating interval at 30° C	: Min. : 16 hrs. : Max. : 3 years, provided surface is dry and clean from all contamination.
Shelf life (cool & dry place)	: 12 months
Flash Point	: Paste : not less than 27° C : Medium : not less than 27° C

\* **Drying** and **over** coating times are related to the film thickness, temperature, the relative humidity of the air, ventilation & type of "**Recoat**" paint used.

## DIRECTION FOR USE

### *SURFACE PREPARATION*

Steel, blast cleaned mild steel substrate to Sa 2½ grade of surface preparation. If blast cleaning is impractical, remove loose rust/scale using power tools.

All surfaces must be clean, sound, dry and free of all dirt, dust, wax, oil, grease, chalk and any other contamination that would interfere with new coating adhesion. Bare surfaces must be properly prepared and primed prior to application of this product.

Ideally, the surface should be cleaned by "Solvent 148".

Suitable Epoxy primer or Zinc Phosphate primer should be used.

Surface temperature must be at least 3° C above dew point but not above 50° C.



### **MIXING**

Mix the 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.

Mixing ratio (by volume)	:	MEDIUM	:	ALUMINIUM PASTE
		3	:	1
Induction time	:	Not Applicable		
Pot life at 30°C	:	Though pot life is irrelevant, it is recommended that the mixed paint is used within 4 to 6 hours.		

### **APPLICATION METHOD**

#### **BRUSH/ROLLER**

Recommended thinner: Synthetic Thinner  
Volume of thinner : 0-6 %

#### **AIR SPRAY**

Recommended thinner: Synthetic Thinner  
Volume of thinner : 06-24 %  
Nozzle orifice : 1.5-3.0 mm  
Nozzle pressure : 0.3-0.4 MPa (=approx.3-4 atm; 43-57 p.s.i)

### **STORAGE**

Store in a cool & dry place. Store as per prevailing regulations.

### **PACKING**

Two Pack : 20 Litres / 04 Litres / 01 Litre

### **SAFETY GUIDELINES**

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To prevent pollution, kindly do not discard tins or pour paint into water courses. It is best to allow paints to harden before disposal.

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# AROMATIC POLYURETHANE PAINT

## INTRODUCTION

- Recommended for original equipment coating, hygienic, maintenance coating where moderate chemical resistance is required.
- It gives good decorative finish.
- Excellent weathering and abrasion resistance.
- A durable, easy to clean coat with good gloss and colour retention.

## TECHNICAL DATA

Colour	:	Range
Finish	:	Glossy / Semi-Glossy / Matt
Solid Volume	:	Approx. 41 %
Recommended DFT	:	25 - 40 microns
Theoretical Covering Capacity	:	16.00 m <sup>2</sup> /l @ 25 microns dft 10.00 m <sup>2</sup> /l @ 40 microns dft
*Drying Time at 30° C	:	Surface Dry : 60 minutes Tack Free : 3 hrs. Hard Dry : 16 hrs. Full Cure : 7 days
*Over coating interval at 30° C	:	Min. : 16 hrs. Max. : 25 days, provided surface is dry and clean from all contamination.
Shelf life (cool & dry place)	:	06 months
Flash Point	:	Base : not less than 25° C Hardener : not less than 25° C

\* **Drying** and **over** coating times are related to the film thickness, temperature, the relative humidity of the air, ventilation & type of "**Recoat**" paint used.

## DIRECTION FOR USE

### *SURFACE PREPARATION*

All surfaces must be clean, sound, dry and free of all dirt, dust, wax, oil, grease, chalk and any other contamination that would interfere with new coating adhesion. Bare surfaces must be properly prepared and primed prior to application of this product.

Ideally, the surface should be cleaned by "Solvent 148".

Suitable epoxy primer or epoxy undercoat should be used.

Surface temperature must be at least 3° C above dew point but not above 50° C.

## **MIXING**

Stir the base and hardener separately. If settling is observed in the base, loosen the settled material with help of hand stirrer followed by power driven stirrer for quick homogenous mixing. Mix hardener gradually into the base under continuous stirring as follows :

Mixing ratio	:	BASE	:	HARDENER
(by volume)	:	3	:	1
Induction time	:	30 minutes		
Pot life at 30°C	:	180 minutes		

## **APPLICATION METHOD**

### **BRUSH / ROLLER**

Recommended thinner	:	P.U. Thinner
Volume of thinner	:	0-6 %

### **AIR SPRAY**

Recommended thinner	:	P.U. Thinner
Volume of thinner	:	06-24 %
Nozzle orifice	:	1.5-3.0 mm
Nozzle pressure	:	0.3-0.4 MPa (=approx.3-4 atm; 43-57 p.s.i)

### **AIRLESS SPRAY**

Recommended thinner	:	P.U. Thinner
Volume of thinner	:	00-15 %
Nozzle orifice	:	0.28-0.34 mm
Nozzle pressure	:	10 to 14 MPa (=approx.100 -140 atm; 1400-1900 p.s.i)

## **STORAGE**

Store in a cool & dry place. Store as per prevailing regulations.

## **PACKING**

Two Pack : 20 Litres / 04 Litres / 01 Litre

## **SAFETY GUIDELINES**

This product is for industrial use only by professional applicators and is not intended or suitable for use in or around a household or residential property. Keep away from children and household items. Improper handling and use may be hazardous. 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, skin & eye protection is always recommended while spraying paint. At all times safety precautions must be strictly followed during storage, handling and application. If necessary, kindly refer to our Material Safety Data Sheet for detailed safety measures.

To prevent pollution, kindly do not discard tins or pour paint into water courses. It is best to allow paints to harden before disposal.

The above information, based on laboratory tests and practical experience, has been proved valid at the date marked on the product data sheet. When necessary verify the validity of the product data sheet. The quality of the product is ensured by our operational system, based on the requirements of the standards ISO 9001 and ISO 14001. As a manufacturer we cannot be responsible for any damages caused by using the product against our instructions or for inappropriate purposes.





## CHLORINATED RUBBER BASED PAINT

### INTRODUCTION

- It protects against severe chemical spillage, very wet or damp conditions.
- It is used for steel surfaces in marine & industrial environment where moisture resistance is required.
- It is single-pack and has no re-coat limitations.
- The quick drying time assists in plant maintenance work during brief shut-down periods.

### TECHNICAL DATA

Colour	:	Range
Finish	:	Glossy / Semi-Glossy / Matt
Solid Volume	:	31 ± 3 %
Recommended DFT	:	25 to 40 microns
Theoretical Covering Capacity	:	12.45 m <sup>2</sup> /l @ 25 microns dft 07.80 m <sup>2</sup> /l @ 40 microns dft
*Drying Time at 30° C	:	Surface Dry : 15 to 30 hrs. Hard Dry : 08 hrs. Tack Free : 02 to 03 hrs.
*Over coating interval at 30° C	:	Min. : 08 hrs. Max. : 3 years, provided surface is dry and clean from all contamination.
Shelf life (cool & dry place)	:	12 months
Flash Point	:	Not less than 27° C

\* **Drying** and **over** coating times are related to the film thickness, temperature, the relative humidity of the air, ventilation & type of "**Recoat**" paint used.

### DIRECTION FOR USE

#### *SURFACE PREPARATION*

Before the application of chlorinated rubber paint, a coat of synthetic primer/epoxy primer or intermediate coat is recommended. For previously painted surface Power or hand washing is recommended to remove contamination.

All surfaces must be clean, sound, dry and free of all dirt, dust, wax, oil, grease, chalk and any other contamination that would interfere with new coating adhesion. Bare surfaces must be properly prepared prior to application of this product.

Ideally, the surface should be cleaned by "Solvent 148".

Surface temperature must be at least 3° C above dew point but not above 50° C.

## **MIXING**

Stir the base and hardener separately. If settling is observed in the base, loosen the settled material with help of hand stirrer followed by power driven stirrer for quick homogenous mixing. Mix hardener gradually into the base under continuous stirring as follows :

## **APPLICATION METHOD**

Equipment must be clean prior to start. Flush airless lines with mineral spirits. Apply the product in full even coats and maintain a wet edge. Allow the product to dry between coats.

### **BRUSH/ROLLER**

Recommended thinner : Rubber Based Paint Thinner  
Volume of thinner : 00-010 %

### **AIR SPRAY**

Recommended thinner : Rubber Based Paint Thinner  
Volume of thinner : 05-18 %  
Nozzle orifice : 1.5-3.0 mm  
Nozzle pressure : 0.28-0.4 MPa (=approx.2.5-4 atm; 36-57 p.s.i)

### **AIRLESS SPRAY**

Recommended thinner : Rubber Based Paint Thinner  
Volume of thinner : 03-15 %  
Nozzle orifice : 0.28-0.36 mm  
Nozzle pressure : 12 to 15 MPa (=approx.120 -150 atm;  
1700-2100 p.s.i)

## **STORAGE**

Store in a cool & dry place.Store as per prevailing regulations.

## **PACKING**

Single Pack : 20 Litres / 04 Litres / 01 Litre

## **SAFETY GUIDELINES**

This product is for industrial use only by professional applicators and is not intended or suitable for use in or around a household or residential property. Keep away from children and household items. Improper handling and use may be hazardous. 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, skin & eye protection is always recommended while spraying paint. At all times safety precautions must be strictly followed during storage, handling and application. If necessary, kindly refer to our Material Safety Data Sheet for detailed safety measures.

To prevent pollution, kindly do not discard tins or pour paint into water courses. It is best to allow paints to harden before disposal.

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## EPOXY BASE PAINT

### INTRODUCTION

- Epoxy Base Paint is a fast drying and abrasion resistant, and is especially effective against strongly alkaline conditions. It has good adhesion to steel, zinc and aluminium surfaces.
- Used as a finish coat on surfaces exposed to climatic, mechanical and chemical stress.
- Recommended for building frameworks, tubular bridges, conveyors and other steelwork and equipment.
- It can also be used in conjunction with Epoxy Primer for metal structures in areas where chemical fumes and spillage are experienced.
- It is available in various shades as per requirements.

### TECHNICAL DATA

Colour	: Range
Finish	: Matt / Glossy / Semi Glossy
Solid Volume	: Approx. 70%
Recommended DFT	: 55 - 90 microns
Theoretical Covering Capacity	: 11.70 m <sup>2</sup> /l @ 55 microns dft 7.20 m <sup>2</sup> /l @ 90 microns dft
*Drying Time at 30° C	: Surface Dry : 90 minutes : Tack Free : 3 ½ hrs. : Hard Dry : 16 hrs. : Full Cure : 7 days
*Over coating interval at 30° C	: Min. : 16 hrs. : Max. : 25 days, provided surface is dry and clean from all contamination.
Shelf life (cool & dry place)	: 12 months
Flash Point	: Base : not less than 27° C : Hardener : not less than 27° C

\* **Drying and over coating** times are related to the film thickness, temperature, the relative humidity of the air, ventilation & type of "Recoat" paint used.

### DIRECTION FOR USE

#### ***SURFACE PREPARATION***

All surfaces must be clean, sound, dry and free of all dirt, dust, wax, oil, grease, chalk and any other contamination that would interfere with new coating adhesion. Bare surfaces must be properly prepared and primed prior to application of this product. Ideally, the surface should be cleaned by "Solvent 148".

Suitable epoxy primer should be used.

Surface temperature must be at least 3° C above dew point but not above 50° C.

### **MIXING**

Stir the base and hardener separately. If settling is observed in the base, loosen the settled material with help of hand stirrer followed by power driven stirrer for quick homogenous mixing. Mix hardener gradually into the base under continuous stirring as follows :

Mixing ratio	:	BASE	:	HARDENER
(by volume)	:	3	:	1
Induction time	:	30 minutes		
Pot life at 30°C	:	4 hours.		

### **APPLICATION METHOD**

#### **BRUSH / ROLLER**

Recommended thinner	:	Epoxy Thinner
Volume of thinner	:	0-10 %

#### **AIR SPRAY**

Recommended thinner	:	Epoxy Thinner
Volume of thinner	:	05-20 %
Nozzle orifice	:	1.5-3.0 mm
Nozzle pressure	:	0.3-0.4 MPa (=approx.3-4 atm; 43-57 p.s.i)

#### **AIRLESS SPRAY**

Recommended thinner	:	Epoxy Thinner
Volume of thinner	:	05-15 %
Nozzle orifice	:	0.48-0.53 mm
Nozzle pressure	:	19 MPa (=approx.190 atm; 2800 p.s.i)

### **STORAGE**

Store in a cool & dry place. Store as per prevailing regulations.

### **PACKING**

Two Pack : 20 Litres / 04 Litres / 01 Litre

### **SAFETY GUIDELINES**

This product is for industrial use only by professional applicators and is not intended or suitable for use in or around a household or residential property. Keep away from children and household items. Improper handling and use may be hazardous. 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, skin & eye protection is always recommended while spraying paint. At all times safety precautions must be strictly followed during storage, handling and application. If necessary, kindly refer to our Material Safety Data Sheet for detailed safety measures.

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### **MIXING**

Stir the base and hardener separately. If settling is observed in the base, loosen the settled material with help of hand stirrer followed by power driven stirrer for quick homogenous mixing. Mix hardener gradually into the base under continuous stirring as follows :

Mixing ratio	:	BASE	:	HARDENER
(by volume)	:	3	:	1
Induction time	:	30 minutes		
Pot life at 30°C	:	4 hours.		

### **APPLICATION METHOD**

#### **BRUSH / ROLLER**

Recommended thinner	:	Epoxy Thinner
Volume of thinner	:	0-10 %

#### **AIR SPRAY**

Recommended thinner	:	Epoxy Thinner
Volume of thinner	:	05-20 %
Nozzle orifice	:	1.5-3.0 mm
Nozzle pressure	:	0.3-0.4 MPa (=approx.3-4 atm; 43-57 p.s.i)

#### **AIRLESS SPRAY**

Recommended thinner	:	Epoxy Thinner
Volume of thinner	:	05-15 %
Nozzle orifice	:	0.48-0.53 mm
Nozzle pressure	:	19 MPa (=approx.190 atm; 2800 p.s.i)

### **STORAGE**

Store in a cool & dry place. Store as per prevailing regulations.

### **PACKING**

Two Pack : 20 Litres / 04 Litres / 01 Litre

### **SAFETY GUIDELINES**

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## EPOXY HIGH BUILD FINISH PAINT

### INTRODUCTION

- Used as a finishing or intermediate coat in epoxy and polyurethane systems exposed to abrasion and mechanical and/or chemical stress.
- Can also be applied direct to zinc and aluminium surfaces.
- Recommended to be used as a sealer on hot dip galvanized surfaces when thinned 20 - 25 %.
- Rapidly recoatable and ready to handle.
- Recommended for haulage equipment, steel frameworks, conveyors, tubular bridges and other steel structures.

### TECHNICAL DATA

Colour	: Range
Finish	: Matt / Glossy / Semi Glossy
Solid Volume	: Approx. 65%
Recommended DFT	: 55 - 110 microns
Theoretical Covering Capacity	: 11.70 m <sup>2</sup> /l @ 55 microns dft 5.90 m <sup>2</sup> /l @ 110 microns dft
*Drying Time at 30° C	: Surface Dry : 120 minutes : Tack Free : 3 ½ hrs. : Hard Dry : 16 hrs. : Full Cure : 7 days
*Over coating interval at 30° C	: Min. : 16 hrs. : Max. : 25 days, provided surface is dry and clean from all contamination.
Shelf life (cool & dry place)	: 12 months
Flash Point	: Base : not less than 27° C : Hardener : not less than 27° C

\* **Drying** and **over coating** times are related to the film thickness, temperature, the relative humidity of the air, ventilation & type of "**Recoat**" paint used.

### DIRECTION FOR USE

#### ***SURFACE PREPARATION***

All surfaces must be clean, sound, dry and free of all dirt, dust, wax, oil, grease, chalk and any other contamination that would interfere with new coating adhesion. Bare surfaces must be properly prepared and primed prior to application of this product. Ideally, the surface should be cleaned by "Solvent 148".

Suitable epoxy primer should be used. Even Zinc Primer can be used.

Surface temperature must be at least 3° C above dew point but not above 50° C.





## EPOXY HIGH BUILD FINISH PAINT

### INTRODUCTION

- Used as a finishing or intermediate coat in epoxy and polyurethane systems exposed to abrasion and mechanical and/or chemical stress.
- Can also be applied direct to zinc and aluminium surfaces.
- Recommended to be used as a sealer on hot dip galvanized surfaces when thinned 20 - 25 %.
- Rapidly recoatable and ready to handle.
- Recommended for haulage equipment, steel frameworks, conveyors, tubular bridges and other steel structures.

### TECHNICAL DATA

Colour	: Range
Finish	: Matt / Glossy / Semi Glossy
Solid Volume	: Approx. 65%
Recommended DFT	: 55 - 110 microns
Theoretical Covering Capacity	: 11.70 m <sup>2</sup> /l @ 55 microns dft 5.90 m <sup>2</sup> /l @ 110 microns dft
*Drying Time at 30° C	: Surface Dry : 120 minutes : Tack Free : 3 ½ hrs. : Hard Dry : 16 hrs. : Full Cure : 7 days
*Over coating interval at 30° C	: Min. : 16 hrs. : Max. : 25 days, provided surface is dry and clean from all contamination.
Shelf life (cool & dry place)	: 12 months
Flash Point	: Base : not less than 27° C : Hardener : not less than 27° C

\* **Drying** and **over coating** times are related to the film thickness, temperature, the relative humidity of the air, ventilation & type of "**Recoat**" paint used.

### DIRECTION FOR USE

#### **SURFACE PREPARATION**

All surfaces must be clean, sound, dry and free of all dirt, dust, wax, oil, grease, chalk and any other contamination that would interfere with new coating adhesion. Bare surfaces must be properly prepared and primed prior to application of this product. Ideally, the surface should be cleaned by "Solvent 148".

Suitable epoxy primer should be used. Even Zinc Primer can be used.

Surface temperature must be at least 3° C above dew point but not above 50° C.

## **MIXING**

Stir the base and hardener separately. If settling is observed in the base, loosen the settled material with help of hand stirrer followed by power driven stirrer for quick homogenous mixing. Mix hardener gradually into the base under continuous stirring as follows :

Mixing ratio (by volume)	: BASE	: HARDENER
	3	1
Induction time	: 30 minutes	
Pot life at 30°C	: 4 hours.	

## **APPLICATION METHOD**

### **BRUSH / ROLLER**

Recommended thinner	: Epoxy Thinner
Volume of thinner	: 0-10 %

### **AIR SPRAY**

Recommended thinner	: Epoxy Thinner
Volume of thinner	: 05-25 %
Nozzle orifice	: 1.5-3.0 mm
Nozzle pressure	: 0.3-0.4 MPa (=approx.3-4 atm; 43-57 p.s.i)

### **AIRLESS SPRAY**

Recommended thinner	: Epoxy Thinner
Volume of thinner	: 05-15 %
Nozzle orifice	: 0.48-0.53 mm
Nozzle pressure	: 16 to19 MPa (=approx.160 -190 atm; 2240-2700 p.s.i)

## **STORAGE**

Store in a cool & dry place. Store as per prevailing regulations.

## **PACKING**

Two Pack : 20 Litres / 04 Litres / 01 Litre

## **SAFETY GUIDELINES**

This product is for industrial use only by professional applicators and is not intended or suitable for use in or around a household or residential property. Keep away from children and household items. Improper handling and use may be hazardous. 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, skin & eye protection is always recommended while spraying paint. At all times safety precautions must be strictly followed during storage, handling and application. If necessary, kindly refer to our Material Safety Data Sheet for detailed safety measures.

To prevent pollution, kindly do not discard tins or pour paint into water courses. It is best to allow paints to harden before disposal.

The above information, based on laboratory tests and practical experience, has been proved valid at the date marked on the product data sheet. When necessary verify the validity of the product data sheet. The quality of the product is ensured by our operational system, based on the requirements of the standards ISO 9001 and ISO 14001. As a manufacturer we cannot be responsible for any damages caused by using the product against our instructions or for inappropriate purposes.



## **MIXING**

Stir the base and hardener separately. If settling is observed in the base, loosen the settled material with help of hand stirrer followed by power driven stirrer for quick homogenous mixing. Mix hardener gradually into the base under continuous stirring as follows:

Mixing ratio	:	BASE	:	HARDENER
(by volume)	:	3	:	1
Induction time	:	30 minutes		
Pot life at 30°C	:	4 hours.		

## **APPLICATION METHOD**

### **BRUSH / ROLLER**

Recommended thinner	:	Epoxy Thinner
Volume of thinner	:	0-10 %

### **AIR SPRAY**

Recommended thinner	:	Epoxy Thinner
Volume of thinner	:	05-25 %
Nozzle orifice	:	1.5-3.0 mm
Nozzle pressure	:	0.3-0.4 MPa (=approx.3-4 atm; 43-57 p.s.i)

### **AIRLESS SPRAY**

Recommended thinner	:	Epoxy Thinner
Volume of thinner	:	05-15 %
Nozzle orifice	:	0.48-0.53 mm
Nozzle pressure	:	16 to 19 MPa (=approx.160 -190 atm; 2240-2700 p.s.i)

## **STORAGE**

Store in a cool & dry place. Store as per prevailing regulations.

## **PACKING**

Two Pack : 20 Litres / 04 Litres / 01 Litre

## **SAFETY GUIDELINES**

This product is for industrial use only by professional applicators and is not intended or suitable for use in or around a household or residential property. Keep away from children and household items. Improper handling and use may be hazardous. 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, skin & eye protection is always recommended while spraying paint. At all times safety precautions must be strictly followed during storage, handling and application. If necessary, kindly refer to our Material Safety Data Sheet for detailed safety measures.

To prevent pollution, kindly do not discard tins or pour paint into water courses. It is best to allow paints to harden before disposal.

The above information, based on laboratory tests and practical experience, has been proved valid at the date marked on the product data sheet. When necessary verify the validity of the product data sheet. The quality of the product is ensured by our operational system, based on the requirements of the standards ISO 9001 and ISO 14001. As a manufacturer we cannot be responsible for any damages caused by using the product against our instructions or for inappropriate purposes.



# EPOXY POLYAMIDE FINISH PAINT

## INTRODUCTION

- Excellent resistance to mechanical wear and tear
- It has outstanding resistance to salt and fresh water, mineral oils, petrol, Vegetables and animal oils, etc
- As a heavy duty finishing coat for steel structures interior and exterior in corrosive marine and industrial atmosphere.
- For coating of non ferrous substrate such as concrete, asbestos cement, polyester and similar materials with suitable primer.
- As a finishing coat on nuclear power plant.

## TECHNICAL DATA

Colour	:	Range
Finish	:	Matt / Glossy / Semi Glossy
Solid Volume	:	Approx. 70%
Recommended DFT	:	80 - 120 microns
Theoretical Covering Capacity	:	8.10 m <sup>2</sup> /l @ 80 microns dft 5.40 m <sup>2</sup> /l @ 120 microns dft
*Drying Time at 30° C	:	Surface Dry : 90 minutes Tack Free : 3 ½ hrs. Hard Dry : 6 hrs. Full Cure : 7 days
*Over coating interval at 30° C	:	Min. : 16 hrs. Max. : 24 days, provided surface is dry and clean from all contamination.
Shelf life (cool & dry place)	:	12 months
Flash Point	:	Base : not less than 27° C Hardener : not less than 27° C

\* **Drying** and **over** coating times are related to the film thickness, temperature, the relative humidity of the air, ventilation & type of "**Recoat**" paint used.

## DIRECTION FOR USE

### *SURFACE PREPARATION*

All surfaces must be clean, sound, dry and free of all dirt, dust, wax, oil, grease, chalk and any other contamination that would interfere with new coating adhesion. Bare surfaces must be properly prepared and primed prior to application of this product. Ideally, the surface should be cleaned by "Solvent 148".

Suitable epoxy primer should be used. Even Zinc Primer can be used.

Surface temperature must be at least 3° C above dew point but not above 50° C.





## EPOXY POLYAMIDE HB PRIMER

### INTRODUCTION

- A two-component, fast drying polyamide cured epoxy resin based high build coating for heavy steel structures.
- Provides good resistance to water and excellent anti-corrosive property
- Also used as high build primer or intermediate coat for use on bridge or general steel structures.
- For structures exposed to outdoor, polyurethane topcoat is recommended to use.

### TECHNICAL DATA

Colour	:	Grey/Red oxide
Finish	:	Matt / Semi Matt
Solid Volume	:	Approx. 60%
Recommended DFT	:	50 - 100 microns
Theoretical Covering Capacity	:	11.70 m <sup>2</sup> /l @ 50 microns dft 5.85 m <sup>2</sup> /l @ 100 microns dft
*Drying Time at 30° C	:	Surface Dry : 90 minutes Tack Free : 3 ½ hrs. Hard Dry : 16 hrs. Full Cure : 7 days
*Over coating interval at 30° C	:	Min. : 16 hrs. Max. : 7 days, provided surface is dry and clean from all contamination.
Shelf life (cool & dry place)	:	12 months
Flash Point	:	Base : not less than 28° C Hardener : not less than 28° C

\* **Drying** and **over coating** times are related to the film thickness, temperature, the relative humidity of the air, ventilation & type of "**Recoat**" paint used.

### DIRECTION FOR USE

#### *SURFACE PREPARATION*

All surfaces must be clean, sound, dry and free of all dirt, dust, wax, oil, grease, chalk and any other contamination that would interfere with new coating adhesion. Bare surfaces must be properly prepared and primed prior to application of this product. Ideally, the surface should be cleaned by "Solvent 148".

Perform blast cleaning. If blast cleaning is impractical, remove loose rust/scale using power tools.

Surface temperature must be at least 3° C above dew point but not above 50° C.