

# Epoxy Amine Primer

## Description

Epoxy Sealer coating with excellent adhesion, chemical and mechanical resistances, and anti-corrosive properties.

## USES AND SUITABLE PRIMERS AND TOP-COATS

Recommended Uses	Can be used as a first coat for epoxy coating systems on concrete surfaces or as a non-pigmented epoxy clear coating in a multi-layer clear coating system.
Suitable Top-Coats	Epoxy coating

## Chemical composition

Properties	Method
Type of Binder	Epoxy – Polyamine
Number of Component(s) Curing	2 Components Chemical Reaction
Solid Content After Mixing	32 ± 2% By Weight
Flash Point	28°C (82°F)

## Physical composition

Properties	Method
Finish	Flat
Color	High Gloss
Specific Gravity after Mixing	0.96 ± 0.05 gr/cm <sup>3</sup>

## Application Details

Surface Preparation	All oil, grease, dirt and other contaminants must be removed from the surface.
Mixing Instructions	Mix component A thoroughly with a suitable mixer, then add component B slowly and mix well for 5 minutes. Keep the mixture for 5 additional minutes prior to thinning down to allow for the pre-reaction time. Do not thin down each component separately.
Theoretical Consumption	120 gr/m <sup>2</sup> - 30 Microns DFT
Pot Life	2 Hours at 25°C



**Film Thickness**

	Recommended	Minimum	Maximum	
Wet Film Thickness (µm)	150	60	110	
Dry Film Thickness (µm)	50	20	35	
Dust Free Time	Tack Free Time	Dry to Handle	Fully Cured	Recoating Interval
10 – 20 Minutes	20– 45 Minutes	—————	3-4 Days	Min. 6 Hours Max. 6 Days

**Drying Time****Application Limits**

Relative Humidity	Min. ---	Max. 80%
Temperature	Min. +5°C	Max. +35°C
Substrate Temperature*	Min. +5°C	Max. +40°C

\*Please note that the substrate temperature should be at least 5°C above the dew point

**Storage Conditions**

To be stored in cool and dry conditions in original sealed containers.

**Shelf Life**

At least 12 months after delivery in original sealed containers and proper storage conditions with temperature Of 25°C.

**Safety**

- This product contains organic solvents and flammable materials. Keep away from sparks, fires,
- Electrical cables and equipment, direct sunshine and out of children's reach.
- Protect skin, eyes, and avoid prolonged breathing of solvent vapor during application. Use with adequate
- Ventilation.



# Epoxy Amine Intermediate Coat

## Description

Epoxy Polyamine coating with excellent adhesion, chemical and mechanical resistances, and anti-corrosive properties.

## USES AND SUITABLE PRIMERS AND TOP-COATS

**Recommended Uses** finish coat in multi-layered coating systems for concrete surfaces, or as a single coating system in maintenance operations.

**Suitable Primers** Epoxy Sealer

## Chemical composition

Properties	Method
Type of Binder	Epoxy – Polyamine
Number of Component(s) Curing	2 Components Chemical Reaction
Solid Content After Mixing	98 ± 2% By Weight
Flash Point	28°C (82°F)

## Physical composition

Properties	Method
Finish	Flat
Color	By Ral
Specific Gravity after Mixing	1.75 ± 0.20 gr/cm <sup>3</sup>

## Application Details

**Surface Preparation** All oil, grease, dirt and other contaminants must be removed from the surface. 5900).

**Mixing Instructions** Mix component A thoroughly with a suitable mixer, then add component B slowly and mix well for 5 minutes. Keep the mixture for 5 additional minutes prior to thinning down to allow for the pre-reaction time. Do not thin down each component separately.

**Theoretical Consumption** 200 gr/m<sup>2</sup> - 75 Microns DFT

**Pot Life** 2 Hours at 25°C



**Film Thickness**

	Recommended	Minimum	Maximum	
Wet Film Thickness (µm)	1600	----	-----	
Dry Film Thickness (µm)	1000	----	-----	
Dust Free Time	Tack Free Time	Dry to Handle	Fully Cured	Recoating Interval
-----	8 Hours	24 Hours	7 Days	-----

**Drying Time****Application Limits**

Relative Humidity	Min. ---	Max. 80%
Temperature	Min. +5°C	Max. +40°C
Substrate Temperature*	Min. +5°C	Max. +45°C

\*Please note that the substrate temperature should be at least 5°C above the dew point

**Storage Conditions**

Component A (Epoxy): 20 Liter's Containers and Component B (Hardener): 4 Liter's Containers  
To be stored in cool and dry conditions in original sealed containers.

**Shelf Life**

At least 12 months after delivery in original sealed containers and proper storage conditions with temperature Of 25°C.

**Safety**

- This product contains organic solvents and flammable materials. Keep away from sparks, fires,
- Electrical cables and equipment, direct sunshine and out of children's reach.
- Protect skin, eyes, and avoid prolonged breathing of solvent vapor during application. Use with adequate
- Ventilation.



# Epoxy Amine Final Coating

## Description

Epoxy Polyamine coating with excellent adhesion, chemical and mechanical resistances, and anti-corrosive properties.

## USES AND SUITABLE PRIMERS AND TOP-COATS

**Recommended Uses** finish coat in multi-layered coating systems for concrete surfaces, or as a single coating system in maintenance operations.

**Suitable Primers** (Epoxy Primer), other epoxy intermediates.

## Chemical composition

Properties	Method
Type of Binder	Epoxy – Polyamine
Number of Component(s) Curing mechanism	2 Components Chemical Reaction
Solid Content After Mixing	98 ± 2% By Weight
Flash Point	28°C (82°F)

## Physical composition

Properties	Method
Finish	Flat
Color	By RAL
Specific Gravity after Mixing	1.52 ± 0.05 gr/cm <sup>3</sup>

## Application Details

**Surface Preparation** All oil, grease, dirt and other contaminants must be removed from the surface. 5900).

**Mixing Instructions** Mix component A thoroughly with a suitable mixer, then add component B slowly and mix well for 5 minutes. Keep the mixture for 5 additional minutes prior to thinning down to allow for the pre-reaction time. Do not thin down each component separately.

**Theoretical Consumption** 4 Hours at 25°C

**Pot Life** 200 gr/m<sup>2</sup> - 75 Microns DFT



**Film Thickness**

	Recommended	Minimum	Maximum	
Wet Film Thickness (µm)	120	90	150	
Dry Film Thickness (µm)	75	65	95	
Dust Free Time	Tack Free Time	Dry to Handle	Fully Cured	Recoating Interval
-----	4 Hours	24 Hours	7 Days	-----

**Drying Time****Application Limits**

Relative Humidity	Min. ---	Max. 80%
Temperature	Min. +5°C	Max. +40°C
Substrate Temperature*	Min. +5°C	Max. +45°C

\*Please note that the substrate temperature should be at least 5°C above the dew point

**Storage Conditions**

To be stored in cool and dry conditions in original sealed containers.

**Shelf Life**

At least 12 months after delivery in original sealed containers and proper storage conditions with temperature Of 25°C.

**Safety**

- This product contains organic solvents and flammable materials. Keep away from sparks, fires,
- Electrical cables and equipment, direct sunshine and out of children's reach.
- Protect skin, eyes, and avoid prolonged breathing of solvent vapor during application. Use with adequate
- Ventilation.



# Polyamine Epoxy Varnish

## Description

Epoxy Varnish coating with excellent adhesion, chemical and mechanical resistances, and anti-corrosive properties.

## Recommended Uses

Can be used as a first coat for epoxy coating systems on concrete surfaces or as a non-pigmented epoxy clear coating in a multi-layer clear coating system.

## USES AND SUITABLE PRIMERS AND TOP-COATS

Recommended Uses finish coat in multi-layered coating systems for concrete surfaces, or as a single coating system in maintenance operations.

Suitable Primers (Epoxy Primer), other epoxy intermediates.

## Chemical composition

Properties	Method
Type of Binder	Epoxy – Polyamine
Number of Component(s) Curing	2 Components Chemical Reaction
Solid Content After Mixing	96 ± 2% By Weight
Flash Point	28°C (82°F)

## Physical composition

Properties	Method
Finish	Flat
Color	High Gloss
Specific Gravity after Mixing	1 ± 0.1 gr/cm <sup>3</sup>

## Application Details

Surface Preparation All oil, grease, dirt and other contaminants must be removed from the surface.

Mixing Instructions Mix component A thoroughly with a suitable mixer, then add component B slowly and mix well for 5 minutes. Keep the mixture for 5 additional minutes prior to thinning down to allow for the pre-reaction time. Do not thin down each component separately.

Theoretical Consumption 2 Hours at 25°C



Pot Life

230 gr/m<sup>2</sup> - 60 Microns DFT**Film Thickness**

	Recommended	Minimum	Maximum	
Wet Film Thickness (µm)	100	60	130	
Dry Film Thickness (µm)	60	40	80	
Dust Free Time	Tack Free Time	Dry to Handle	Fully Cured	Recoating Interval
4 Hours	24 Hours	3-4 Days	5-7 Days	-----

**Drying Time****Application Limits**

Relative Humidity	Min. ---	Max. 80%
Temperature	Min. +5°C	Max. +35°C
Substrate Temperature*	Min. +5°C	Max. +45°C

\*Please note that the substrate temperature should be at least 5°C above the dew point

**Storage Conditions**

To be stored in cool and dry conditions in original sealed containers.

**Shelf Life**

At least 12 months after delivery in original sealed containers and proper storage conditions with temperature Of 25°C.

**Safety**

- This product contains organic solvents and flammable materials. Keep away from sparks, fires,
- Electrical cables and equipment, direct sunshine and out of children's reach.
- Protect skin, eyes, and avoid prolonged breathing of solvent vapor during application. Use with adequate
- Ventilation.

