

UJALA EPOXY UNDERCOAT/ TIE-COAT PRIMER

Technical Specification

Type	Color	Sheen	Theoretical Spread Rate	Recommend Application	Thinner	Clean Up
Polymide Epoxy	Grey	Matt	5.84 sft per Gallon	Airless (Preferred), Brush and Roller	Epoxy Reducer	Xylene or Epoxy Reducer
Part B (Curing Agent/Hardner)			Hardner			
Volume Solids			63% +/-2			
Mix Ration			3.00 volume (s) Part A to 1.00 volume (s) Part B			
Typical Film Thickness			40 microns dry (85 microns wet)			
Theoretical Coverage			5.81 m2/litre at 40 microns dft, allow appropriate loss factors			
Method of Application			Airless Spray, Brush, Roller			
Flash Point			Part A 23deg.C ; Part B 26deg.C; Mixed 23 deg.C			
Drying Information			5 deg.C	10deg C	25 deg C	35 deg C
Touch Dry			45 mins	40 mins	30 mins	20 mins
Hard Dry			24 hrs	20 hrs	12 hrs	12 hrs
Pot Life			20hrs	16 hrs	8 hrs	3 hrs

Overcoating Data	Substrate Temperature							
	5 deg.C		10deg C		25 deg C		35 deg C	
	Min	Max	Min	Max	Min	Max	Min	Max
	24hrs	6 months	15 hrs	6 months	6hrs	6 months	6 hrs	3mnths
	24 hrs	14 days	15 hrs	14 days	6hrs	14 days	6hrs	7 days

PRODUCT NAME :
UJALA EPOXY TWO PAC
PRIMER PAINT

Ujala Epoxy Primer Paint is a high solid coating formulated to provide excellent film build in multiple coats.

The high level of cross linking proved a coat for immersion service in fresh water, salt water or waste water. Additionally, this product is resistant to many acids, alkalis and mild solvents in splash and spill exposures.

.The high build of this product provides an excellent non-conductive film for use between dissimilar metals.

This product may be applied direct to prepared ferrous metal and concrete, however, a primer is recommended for maximum life expectancy.

This is a two-component product that requires the entire contents of the component mixed with the entire contents of the Hardner component. Mix ratio is 3:1. Do not mix partial kits.

WHERE TO USE:

SUBSTRATES

Properly prepared and/or primed Steel, Iron, Concrete, and non-ferrous metals

APPLICATIONS

The performance of this product is directly dependent upon the degree of surface preparation employed.

All dirt, paint, rust, oils and accumulated salts must be removed prior to employing specific surface preparation methods. **STEEL**: Non-immersion requires Hand tool Cleaning or Power Tool Cleaning for best results.

SURFACE**PREPARATION :**

The performance of this product is directly dependent upon the degree of surface preparation employed. All dirt, paint, rust, oils and accumulated salts must be removed prior to employing specific surface preparation methods.

STEEL : Where necessary, remove weld spatter and smooth weld seams and sharp edges

Commercial Blast. Cleaning followed by the proper primer. Immersion service requires

NEAR WHITE METAL BLAST followed by the Proper primer

CONCRETE : Must have form / release agents removed by pressure washing or other suitable methods. Acid etching or abrasive blasting may be required to properly open the surface. May be applied direct to concrete or for best results, use the proper primer

MIXING**Mixing Instructions :**

This is 2 (two) component kits and is pre-portioned for error free mixing. DO NOT vary from these instructions. Mix '

1) Carefully empty the entire Hardener (curing agent) contents into the can Paint can

2) Using a jiffy mixer at low speed, blend this mixer for three or five minutes until completely blended. Keeping the mixing blade turning at a slow speed to minimize air.

3) Care must be taken to assure both components are completely mixed in order to avoid partially cured spots.

It is extremely important to remember that Epoxy Coatings have a limited pot life; therefore, sufficient manpower and correct application tools are in order prior to starting the mixing sequence.

Do not thin this product - it is ready to use once both components are thoroughly mixed.

APPLICATION**Application:**

Airless Spray (Preferred Method): A 30:1 pump (minimum) is required to adequately spray this product. Tip range between 0.38 and 0.53 mm.

Total fluid output pressure at tip should not be less than 2500psi.

Air Spray (Pressure Pot): Not recommended due to excessive amount of thinner necessary.

Brush: Stiff Natural Bristle only

Roller: Industrial Cover with Phenolic core

NOTE : Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with recommended thinner.

No reduction is necessary. Do not apply if material, substrate or ambient temperature is below 55deg. (7deg.C). Relative humidity should be below 90%.

Do not apply if rain is expected within 12 hours of application.

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