

UJALA EPOXY TOP COAT (TWO PACK)

HIGH PERFORMANCE

Type	Recommend Application	Thinner	Clean Up
Polymide Epoxy	Airless (Preferred), Brush and Roller Tack Free	Epoxy Reducer Minimum Recoat	Xylene or Epoxy Reducer Maximum Recoat

Drying Schedule	4 Hrs @55 deg.F (13deg C)	24 Hrs @55 deg.F (13deg C)	6 Days @55 deg.F (13deg C)
	2 Hrs @77 deg.F (25deg C)	12 Hrs @77 deg.F (25deg C)	72 Hrs @77 deg.F (25deg C)
	1 Hrs @100 deg.F (38deg C)	6 Hrs @100 deg.F (38deg C)	36 Hrs @100 deg.F (38deg C)

Part B (Curing Agent/Hardner)

Volume Solids

Mix Ration

Typical Film Thickness

Theoretical Coverage

Method of Application

Flash Point

Finish

Colour

Specific Gravity

Dry film thickness per coat, min.,
by brush / air/airless

Scratch hardness (at 1.5 Kg.load)

Flexibility & Adhesion

Hardner
55% +/-2
3.00 volume (s) Part A to 1.00 volume (s) Part B
125 microns dry (170 microns wet)
m2/litre at 125 microns dft, allow appropriate loss factors
Airless Spray, Brush, Roller
Part A 28deg.C ; Part B 34deg.C; Mixed 29 deg.C
Glossy, free from sagging & wrinkling.
As desired
1.23 +/- .02
(75-125 microns)
No such scratch as to show bare metal
Ni visible damage or detachment of film

PRODUCT NAME : Ujala Epoxy Paint is a high solid coating formulated to provide excellent film build in

UJALA EPOXY PAINT 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.**

SUBSTRATES

Properly prepared and/or

WHERE TO USE: primed Steel, Iron, Concrete,
and non-ferrous metals

UJALA Epoxy Paint is designed for ship/barges body and hatches, waste water treatment, chemical processing, pulp and paper mills, and industrial maintenance markets or anywhere a polyamide epoxy is required for excellent resistance to water, chemicals and underground exposures.

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.

SURFACE PREPARATION : **STEEL** :Non-immersion requires Hand tool Cleaning or Power Tool Cleaning or for best results, 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, ust 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 "A" & "B" separately.
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 25 and 31 thousandths.
Total fluid output pressure at tip should not be less than 2400psi.
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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