# **TWOPACK EPOXY COATINGS (Primer & Paints )**

**AND** 

### **TWO PACK POLYURETHAN COATINGS (Primer & Paints)**

Epoxy coating is formulated for resistance to abrasion, acids, alkalis, saline weather, solvents, chemicals, mould, algee and fungus growth. It forms joint less finish coat in heavy duty coating system for metal, wood, concrete and masonry surfaces for exterior and interior use.

SPECIFICATIONS:-

### **PRIMER**

PROPERTIES	EP-01	EP-02	EP-03	EP-04	EP-05	EP-06	EP-07
T)/DF	Classi	Red Oxide	7:	7:	Zio e viele		
TYPE	Clear	kea Oxiae	Zinc Chrome	Zinc phosphate	Zinc rich		
MIXING B:H							
RATIO/VOLUME FLASH POINT	Above <b>22oC</b>	Above 22oC	Above 22oC	Above 22oC	Above 22oC	Above 22oC	Above 22oC
POT LIFE IN	1-1.5	03-Feb	03-Feb	03-Feb	03-Feb	03-Feb	03-Feb
HOURS at 25oC							
SOLID CONTENT by volume							
METHOD OF USE	Brush/Roller / spray	Brush/Roller / spray	Brush/Roller / spray	Brush/Roller/ spray	Brush/Roller / spray	Brush/Roller / spray	Brush/Roller / spray
TOUCH DRY TIME	6-8 hours	6-8 hours	6-8 hours	6-8 hours	6-8 hours	6-8 hours	6-8 hours
HARD DRY TIME	24 hours	24 hours	24 hours	24 hours	24 hours	24 hours	24hours
FULL CURE TIME	7 days	7 days	7 days	7 days	7 days	7 days	7 days
COVERGE SQ.MT./LIT.(THIORATIC ALLY) The actual coverage will be less	15-Dec	15-18	15-18	15-18	15-Dec	08-Jun	08-Jun
RECOAT TIME Min/Max.	Dec-48	Dec-48	Dec-48	Dec-48	Dec-48		
DRY FILM	50-80	50-80	50-80	50-80	50-80		
THICKNESS/COAT/ LIT IN MICONS							
FLEXIBILITY	Good	Good	Good	Good	Good	Good	Good
THINNER							
STORAGE LIFE Months	12	12	12	12	12	12	12

PACKING LITERS	4 & 20	4 & 20	4 & 20	4 & 20	4 & 20	4 & 20	4&20
METHOD OF USE	Brush/Roller / spray	Brush/Roller / spray	,	Brush/Roller/ spray	Brush/Roller / spray	Brush/Roller / spray	Brush/Roller / spray
TEMPERATURE DRY HEAT oC	80-120	80-120	80-120	80-120	80-120	80-120	80-120

### **PAINTS**

Sr. No.

PROPERTIES	EP-10	EP-11	EP-12	EP-13	EP-14	EP-15	EP-16
	(EP-07)	(EP-08)	(EP-09)	(EP-10)			
ТҮРЕ	Coal Tar solvented	Coal tar solvent less	Solvented	Solvented	Solventless	Solvented	solvented
COLOR	Black/brown	Black/Brown	Grey,Black, Cream,	White, red, Blue,Green, Yellow, cream	Clear white, Red, Green, blue, grey,Yellow	Red, Cream, green, blue, grey	Aluminium
FINISH	Semi gloss	Glossy	Glossy	Glossy	Glossy	Glossy	Glossy
SOLID CONTENT by Volume						80+-2%	
FLASH POINT	Above 22oC	Above 22oC	Above 22oC	Above 22oC	Above 22oC	Above 22oC	Above 22oC
MIXING B:H RATIO/VOLUME						4:1 /6:1	4:1/6:1
POT LIFE IN	04-Feb	04-Feb	04-Feb	04-Feb	1.5-2	02-Jan	02-Jai
HOURS at 25oC							
METHOD OF USE	Brush/Roller / spray	Brush/Roller / spray	Brush/Roller / spray	Brush/Roller/ spray	Brush/Roller / spray	Brush/Roller / spray	Brush/Rolleı / spray
TOUCH DRY TIME	6-8 hours	6-8 hours	6-8 hours	6-8 hours	6-8 hours	6-8 hours	6-8 hours
HARD DRY TIME	24 hours	24 hours	24 hours	24 hours	24 hours	24 hours	24hours
FULL CURE TIME	7 days	7 days	7 days	7 days	7 days	7 days	7 days
COVERGE SQ.MT./LIT.(THIORATIC ALLY) The actual coverage will be less	10-Aug	08-Jun	14-Dec	14-Dec	08-Jun	08-Jun	nul-80
RECOAT TIME	24/48	24/48	24/48	24/48	24/48	24/48	24/48
Min/Max.	80-100	100-120	60-80	60-80	100-120	100-120	100-200
DRY FILM THICKNESS/COAT/ LIT IN MICONS	90-100	100-120	<del>0</del> 0-80	0U-8U	100-120	100-120	100-200
	Good	Good	Good	Good	Good	Good	Good

THINNER							
SUGGESTED PRIMER	01/02/03/04		<del></del>	EP- 01/02/03/04/0 5		Self prime	Self prime
STORAGE LIFE Months	12	12	12	12	12	12	12
PACKING LITERS	4 & 20	4 & 20	4 & 20	4 & 20	4 & 20	4 & 20	4&20

#### **RESISTANCE:-**

PROPETIES	EP-10	EP-11	EP-12	EP13	EP-14	EP-15	EP-16
	(EP-07)	(EP-08)	(EP-09)	(EP-10)			
TEMPERATURE	80-120	80-120	80-120	80-120	80-120	80-120	80-120
DRY HEAT oC							
ACIDS	Good						
ALKALI	Good						
SALT	Excellent						
SOLVENT	Good						
MOISTURE	Excellent						
WEATHER	Excellent						
SPECIAL							
APPLICATION							

SURFACE PREPARATION: Surface should be clean, even and free from dust, dirt, paint, rust, Algee, grease, soluble salt, or other contaminations. For cleaning use hand or power tools and cleaning chemicals / paint remover and then use rust remover or sand blasting wherever required.

APPLICATION FOR: For coating on metal structure for corrosion protection, floor coating for chem and wear & tear resistance floorings, wood protection from weather, use for waterproofing, potting

| CONCRETE | Yes |
|----------|-----|-----|-----|-----|-----|-----|-----|
| WOOD     | Yes |
| METAL    | Yes |

WHERE TO USE: Use at Bridge, Buildings, Dam, Canal, Tunnel, Chemical factories, Petrochemical Power plants, Work shops, Effluent treatment plants, Sewerage plants, Godowns, Pipe lines, Terra Electric & electronics instruments

#### **COLOR SHED**

WHITE	RED	GREEN	BLUE	YELLOW	ALUMINI	BLACK	COAL
					UM		TAR

-	
Brush/Roller / spray	Brush/Roller / spray
6-8 hours	6-8 hours
24 hours	24 hours
7 days	7 days
14-Dec	12-Oct
	24/48
	60-90
Good	Good
- 42	42
12	12

4 & 20	4 & 20
Brush/Roller / spray	Brush/Roller / spray

PUP-23	PUP-24
Solvented	Solvented
Clear,Red, Green, blue,	Coal tar black/Brown
grey, Yellow	Jiddiny Brown
Glossy	Glossy
Above 22oC	Above 22oC
Up to 30 minutes	Up to 30 minutes
/	D 1/D II
Brush/Roller / spray	Brush/Roller / spray
6-8 hours	6-8 hours
24 hours	24 hours
7 days	7 days
14-Dec	12-Oct
14-Dec	12-000
24/48	24/48
60-80	60-90
Good	Good

EP-	EP-
01/02/03/04	01/02/03/04
/05	/05
12	12
4 & 20	4 & 20

PUP-23	PUP-24
80-120	80-120
Good	Good
Good	Good
Excellent	Excellent
Good	Good
Excellent	Excellent
Excellent	Excellent

## ical and

g and insulating.

Yes	Yes
Yes	Yes
Yes	Yes

plant, Oil Tank, ces,

