Valley EPT

Epoxy Top Coat

A two pack Epoxy top coat with excellent gloss for industrial use

Properties and Areas of use

Tough hard wearing flexible film. with excellent colour fading resistance. Food chemical resistance, excellent water and chemical resistance. Can be over coated easily ager long exposure periods. Cures at low temperatures.

Technical and General Information

(mixed material at 20°C)	
Finish	High Gloss
Colour Range	As per shade card
Dry film Thickness Range	40-60 microns
Practical Spreading Rate	10-12m² /kg at 40 microns DET
	(Loss factors will apply in practice)
Solids	90-100%Depending on color
Specific Gravity	1.18 – 1.24 Depending on color
Touch Dry	3 hours at 25°C
Recoat Interval	8 hours minimum , maximum unlimited at 25°C
Complete Cure	7 days at 25°C
Pot Life	2 hours at 25°C
Flash point	28° C
Shelf life	24 months

Suitable Surface

Steel and no ferrous metal properly and primed .Wood , fiberglass. concrete and mineral substrates free of contamination, dust and efflorescence ,and properly prepared .suitable existing epoxy and polyurethane coatings cleaned and abraded as necessary

Application Conditions

Substrate temperature should be 5° C or above for application and during cure and minimum of 3° C above dew point .Adequate dry air ventilation is recommended for optimum drying.

Relative humidity must be below 80% during application.

Application Information

Thinning should only take place after the twocomponents have been thoroughly mixed.

Brush and Roller

Thin if required with 0-5% paint thinner

Conventional Air Spraying

Thin with 5-15% paint thinner , as required

Tip size -2.0 mm

Tip pressure- 60psi (0.4Mpa)approximately

Airless Spraying

Thin with 0-10% paint thinner , as required

Tip size -13thou(0.33mm) approximately

Tip pressure- 2100psi (15Mpa) approximately

Cleaning Thinner

Equipment should be cleaned immediately after use with White spirit.

Summery Safety Information

Avoid inhalation of spray mist and skin contact by the use of masks,

gloves and other personal protection .Eyes should be copiously washed with water or proprietary wash , and medical attention should be obtained. Skin should be thoroughly washed using a cleanser and soap and water. Product is flammable No sparks or flames .NO smoking