A two pack acrylic topcoat with excellent gloss and colour retention for outdoor industrial, construction and marine applications

- Tough, hard wearing flexible film, with excellent colour retention and weathering resistance.
- Excellent chemical and water resistance.
- Can be easily over coated after long exposure periods
- Excellent UV resistance.
- Used as a finish coat for various surfaces such as wood, concrete floors and structural steel of food and chemicals processing plants and anti-chemicals flooring.

Technical Coating Data @ 25 °C for mixed material	
Finish	High Gloss
Color Range	As per color card
Solids Volume	63 ± 2%
Dry Film Thickness Range	50 -150 µm
Theoretical Spreading Rate	12.4 m² / L @ 50 microns DFT (loss factors will apply in practice)
Surface Dry	1h.
Recoat Interval	4 hours minimum 10 days maximum
Complete Cure	4 days
Pot Life	2 hours
Flash Point	28°C
Shelf Life	12 months (stored in a cool dry place)
Mixing Ratio by Weight	9 Base component 1 Activator Component
VOC	521 g/L

Film Thickness and Spreading Rate:

	Minimum	Maximum	Typical
Film thickness, dry (µm)	50	150	100
Film Thickness, wet(µm)	81	242	162
Theoretical Spreading Rate (m^2 /L)	12.4	4.13	6.2

Suitable Surfaces

- Steel properly prepared and blast cleaned to ISO-Sa2½
- Concrete free of contamination, dust and efflorescence, and properly prepared.
- Marble and non-ferrous metals properly primed using compatible etching primer.

Bare Steel:

Cleanliness: Blast – cleaning to Sa2 1/2 (ISO-8501-1:2007). Power tool cleaning to min. St2 (ISO 85011:2007) may be acceptable, subject to exposure conditions.

Shopprimed Steel:

Clean, dry and undamaged approved shopprimer

Coated Surfaces:

Clean, dry and undamaged compatible primer.

Other Surfaces:

For aluminium substrates, thorough washing and sweeping with a nonmetallic blast medium is required.

Application Conditions

Substrate temperature should be 10°C or above for application and during cure and a minimum of 3°C above the dew point. Adequate dry air ventilation is recommended for optimum drying.

Application Information

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

Brush and Roller

Thin if required with 0-5% Paint Thinner.

Conventional Air Spraying

- Thin with 5-25% Paint Thinner, as required.
- Tip size - 2.0 mm
- Tip pressure - 60 psi (0.4Mpa) approximately

Airless Spraying

- Thin with 0-20% Paint Thinner, as required
- Tip size - 0.58-.79 mm approximately
- Tip pressure - 2100 psi (15Mpa) approximately

Cleaning Thinner

Equipment should be cleaned immediately after use with Paint Thinner.

Drying time:

Drying times are affected by air ventilation, temperature, film thickness and number of coats.

Substrate Temp.	10° C	25° C	40° C
Surface Dry	90 min.	60 min.	30 min.
Through Dry	4 h	2 h	1 h
Dry to recoat, minimum	12 h	4 h	2 h

The given data serve as guideline only. The actual drying time differs according to film thickness, ventilation, humidity and underlying paint system.

Storage:

Keep the containers in a dry, cool, well ventilated space and away from source of heat and ignition. Containers must be kept tightly closed.

Handling:

Handle with care. Stir well before use.

Packing Size:

5 L & 18 L

Summary Safety Information

- Avoid inhalation of spray mist and skin contact by the use of masks, gloves and other personal protection. Eyes should be cautiously washed with water or proprietary wash, and medical attention obtained. Skin should be thoroughly washed using a cleanser and soap and water.
- Product is flammable
- No sparks or flames
- No smoking