



PRODUCT INFORMATION



Product Name:	DACRYLATE HIGH SOLIDS POLYURETHANE	
Reference Number:	85-line	
Coating Type:	Acrylic modified polyurethane.	
	a) <u>Fully Compliant To Environmental Protection Act (1990) As Required By Guidance Note PG 6/23 (97), (Clause 20(d)).</u>	
	b) <u>Conforms to Highways Agency Specification – Item 168</u>	
Typical Uses:	Long term protection of galvanising, steel etc.	
Colours Available:	Full range to special order. Note: Dacmix scheme available for all BS and RAL colours.	
Appearance Of Dried Film:	High Gloss.	
Volume Solids:	57%.	
Dry Film Thickness:	Typical: 50 microns.	Range: 40-70 microns.
Theoretical Coverage:	11.4m ² litre at 50 microns.	
Drying Time At 20°C: (Will Vary With Temperature, Air Movement etc.).	Touch Dry: 2 hours.	
	Firm Dry: 6 hours.	
	Overcoat: N/A.	
VOC:	390 gram/litre	
Packaging:	5 litre composite pack.	
Shelf Life:	2 years or longer in unopened containers when stored under cover in good storage conditions.	
Storage:	Under cover within temperature range of 5°C to 32°C.	

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Surface Preparation: Normally applied over Dacrylate Epidac 2 Primers and Epidac 2 MIO or Highways Agency Item 111 and 112.

Application Conditions: **Humidity**
Do not apply at relative humidities above 90%. Substrate temperature must be at least 3°C above dew point.

Temperature
Do not apply at temperatures below 5°C.
Note: Dacrylate HS Polyurethane will cure at temperatures down to 0°C, however at temperatures below 15°C, the base and hardener will thicken considerably and affect application characteristics. At low ambient temperatures we would advise that base and hardener are warmed separately to 20°C before use to ensure optimum application properties.

Effect of Temperatures on Drying/Overcoating Times

		5°C	10°C	20°C	30°C
	Surface Dry	6 Hours	4 Hours	2 Hours	1 Hour
	Hard Dry	16 Hours	12 Hours	8 Hours	4 Hours
Overcoating Times	Minimum	16 Hours	12 Hours	8 Hours	4 Hours
	Maximum	-	-	-	-

Application: By brush or airless spray.

Airless Spray: 2500 PSI (170 BAR)
Tip Size: 13-15 Thou (0.33mm – 0.38 mm)

Apply at an approximate wet film thickness of 90 microns to achieve dft of 50 microns.

Pot Life (at 20°C): 4 hours.

Mixing Ratio By Volume: 4 parts Base to 1 part Activator.

Clean-Up: Dacrylate Thinner R6

Health And Safety: Please see relevant MSDS sheet.

N.B
Certain products retain solvents for longer periods, which will affect plasticizers within the plastic packaging causing damage to the finish. It is therefore not recommended that finished painted products be wrapped in bubble wrap, plastic sleeves etc, until coatings are fully cured as this can cause damage to the finish especially when stacked or stored in sunlight/elevated temperatures. Damage can also occur from condensation caused by fluctuations in temperature consequently causing a “greenhouse” effect within the packaging.

Data sheets are issued to supply **general information** on the product but without warranty. Since conditions of service and application are beyond our control we cannot accept claims for loss, damage etc., based on this information. Dacrylate will not accept any claim for consequential or incidental damages.