

Colorama FDV1000

COCLEAR Varnish

A single pack top quality fast drying acrylic varnish, used for protection on metal, concrete, natural stone, artificial stone and wood surfaces.

Properties and Areas of Use

- Tough, hard wearing flexible film
- Excellent water resistance
- Excellent weathering resistance
- Good resistance to splash of mild chemicals

Technical Coating Data @ 25 °C

Finish	Gloss or Semi-Gloss
Color Range	Translucent
Solids Volume	35 ± 2%
Dry Film Thickness Range	25-50 µm
Theoretical Spreading Rate	14 m ² / L @ 25 microns DFT (loss factors will apply in practice)
Surface Dry	20-25 minutes
Recoat Interval	4 hours minimum maximum, unlimited
Flash Point	30°C
Shelf Life	12 months (stored in a cool dry place)
VOC	650 g/L
Mixing Ratio	Single pack

Film Thickness and Spreading Rate:

	Minimum	Maximum	Typical
Film thickness, dry (µm)	25	50	35
Film Thickness, wet(µm)	72	143	100
Theoretical Spreading Rate (m ² /L)	14	7	10

Suitable Surfaces

- Steel and nonferrous metals as well as masonry properly prepared and primed with chlorinated rubber, vinyl or an acrylic primer
- Surface must be free of contamination, dust and efflorescence, and properly prepared.

Bare Steel:

Cleanliness: Blast – cleaning to Sa2 1/2 (ISO-8501-1:2007). Power tool cleaning to min. St2 (ISO 8501-1:2007) 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 must be a minimum of 3°C above the dew point. Adequate dry air ventilation is recommended for optimum drying. Relative humidity must be below 80% during application.

Application Information:

- To be used without thinning, however if required should be thinned with Colorama Thinner 921.
- Can be applied by a brush or a Roller

Conventional Air Spraying:

- Tip size - 1.5 mm
- Tip pressure - 60 psi (0.4Mpa) approximately

Airless Spraying:

- Tip size - 13 thou (0.33mm) approximately
- Tip pressure - 2100 psi (15Mpa) approximately

Cleaning Thinner:

Equipment should be cleaned immediately after use with Thinner Colorama 921.

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	40	20	10
Through Dry	4	2	1
Dry to recoat, minimum	10	4	2

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

The information given in this data sheet represents test results & practical experience obtained under controlled conditions, and are correct to the best of our knowledge. However, as products are often used under different conditions, we can only guarantee the quality of our product, and reserve the right to change data without further notice.