

Colorama FDE1000

COLOFAST

A fast dry, non-yellowing, high quality modified alkyd resin based enamel with outstanding high gloss finish, excellent light fastness, weather resistance and heat resistance up to 250°C, designed for industrial equipments, heavy vehicles, trailers and marine exposure steel works.

Properties and Areas of Use

- Quick drying gives high productivity.
- Very good abrasion, water & weathering resistance
- Excellent gloss and color retention
- Used as a topcoat for heavy duty steel works as a heat resistance barrier for up to 250°C for exhaust pipes, engine parts, steel structures, scaffolds, containers and trailers.

Technical Coating Data @ 25 °C

Finish	High Gloss
Color Range	As per shade card
Solids Volume	50 ± 2% depending on color
Dry Film Thickness Range	25 - 100 µm
Theoretical Spreading Rate	10 m ² / L @ 50 microns DFT depending on color (loss factors will apply in practice)
Surface Dry	10-15 min
Recoat Interval	4 hours minimum maximum, several months (after proper surface cleaning and preparation)
Flash Point	30°C
Shelf Life	12 months (stored in a cool dry place)
VOC	241 g/ L
Mixing Ratio	Single pack

Film Thickness and Spreading Rate:

	Minimum	Maximum	Typical
Film thickness, dry (µm)	25	100	50
Film Thickness, wet(µm)	50	200	100
Theoretical Spreading Rate (m ² /L)	20	5	10

Suitable Surfaces:

- Steel and non-ferrous metals properly cleaned and primed with Colorama PRIMALKYD Fast.
- Surface must be clean, dry & free of dust, dirt, grease, oil & rust

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 should be 5°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 material has been thoroughly mixed.

Brush and Roller:

Thin if required with 0-10% COLORAMA Thinner 921.

Conventional Air Spraying:

- Thin with 5-15% COLORAMA Thinner 921, as required
- Tip size - 2.0 mm
- Tip pressure - 60 psi (0. 4Mpa) approximately

Airless Spraying:

- Thin with 0-10% COLORAMA Thinner 921, as required.
- Tip size - (0.4-0.5mm) approximately
- Tip pressure - (120-150) atm. approximately

Cleaning Thinner:

Equipment should be cleaned immediately after use with COLORAMA Thinner 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 (min.)	20	10	6
Through Dry (h)	3	2	1
Dry to recoat, minimum (h)	6	4	2

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

Typical paint system:

Primalkyd Fast	2 x 50 µ
Colofast	2 x 50 µ

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.