

## Colorama EP1000

# Interior Drum Lacquer

Colorama Interior Drum Lacquer is modified epoxy phenolic based baking lacquer containing pigments of high opacity and color retention, used for metal drum lining.

### Properties and Areas of Use

- Excellent gloss
- Excellent mar resistance
- Tough & flexible
- Excellent adhesion to bare steel
- Excellent resistance to food stuff and wide range aggressive chemicals such as fuel, acids, alkalis and organic solvents.
- Used as lining paint for the internal surfaces of metal drums which used for packing food, vegetable oils, nectars, etc. because of its inert behavior which means that it doesn't affect or affected by food and complies with FDA F175.300.

### Technical Coating Data @ 25 °C

<b>Finish</b>	High Gloss
<b>Color Range</b>	Red
<b>Solids Volume</b>	45 ± 3% depending on color
<b>Dry Film Thickness Range</b>	20-40 µm
<b>Theoretical Spreading Rate</b>	15 m <sup>2</sup> / L @ 30 microns DFT (loss factors will apply in practice)
<b>Baking Time</b>	15 min at 200°C peak metal temp.
<b>Shelf Life</b>	24 months (stored in a cool dry place)
<b>VOC</b>	597 g/L
<b>Mixing ratio</b>	Single pack

## Film Thickness and Spreading Rate:

	Minimum	Maximum	Typical
Film thickness, dry (µm)	20	40	30
Film Thickness, wet(µm)	45	89	67
Theoretical Spreading Rate (m <sup>2</sup> /L)	22.5	11.25	15

## Suitable Surfaces

- Mild steel, galvanized and zinc coated steel, aluminium and most non-ferrous metals

## Bare Steel:

Objects to be coated must be dry, clean and free from dust, oils, grease, water and any other contaminations may affect adhesion.

Objects to be coated must be chemically washed and dried before application.

## Application Conditions

Substrate should be clean and free from any contamination. Hot dry air furnaces are recommended.

## Application Information

Thinning should only take place after the material has been thoroughly mixed.

## Conventional Air Spraying

- Thin with Thinner Colorama 913
- Spray at 20-22 sec/ Ford cup 4.
- Apply air atomizing pressure of 3.5 atm.

## Cleaning Thinner

Equipment should be cleaned immediately after use with Thinner Colorama 913.

## Drying time:

Drying takes place in hot dry air furnaces at 200°C for 15 min.

## 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:

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.