

Polyurethane cibccr coat

Product description

It is mainly made of polyurethane modified resins with special pigments and additives. It gives highly attractive glossy appearance with aliphatic isocyanate hardner. It is classified as two component product.

Recommended use

The product is recommended as top coat for various metal work applications, vehicles, trucks and for car repairs. It allows high protection for metal surfaces as well high quality appearance.

Physical properties

Colour	:	as per client request.
Solid content	:	55% as minimum.
Coverage power	:	8-10 m ² /Liter
Sp. Gravity	:	1.1 g/cm ³ as max. based on colour required.
Viscosity	:	120 sec (ford cup no. 4)
Surface dry	:	30 minutes at 80°C
Hard dry	:	24 hours
Mixing ratio	:	2:1:1 (paint-hardener-thinner)
Pot life	:	2 hours

Film thickness & spreading rate:

	Minimum	Maximum	Typical
Film thickness, dry (μm)	35	55	45
Film thickness, wet (μm)	60	100	80
Theoretical spreading rate (m^2/l)	15.5	9.5	12.5

Drying time:

Drying times are generally related to air circulation, temperature, film thickness & number of coats.

The table shows the drying time corresponding to the atmospheric

Temperature:

Substrate temp.	10°c	25°c	40°c
Surface dry	1 hr	30 min	30 min
Through dry	6hr	3hr	1.5 hr
Cured	9d	5d	2d
Dry to recoat,min	6hr	3hr	1.5 hr

Surface preparation

Surface should be clean, dry and free from any contaminations. The surface should be treated by suitable methods to allow coated surfaces receiving primer coat to be capable of maximum adhesion.

Application methods

Being polyurethane coat, To be mixed thoroughly as 2 parts of the paint + 1 part of the hardener + 1 part of the thinner and to be sprayed on the surface which was previously treated by cibccr filler 2k, the 2k filler must be well sanded.

And to be stoved for 30 minutes at 80°C.

Storage

Product must be stored in accordance with rural regulations. And the storage conditions are to keep the containers in a dry, cool, well-ventilated areas, and away from source of heat and ignition.

Packing

To be agreed upon with client.

Ready packing:

Liter 4.00 cans paint+1 Liter hardner+1 Liter thinner

Liter 20.00 cans paint+5 Liter hardner+5 Liter thinner

Health and safety

Please observe the precautionary notices displayed on the container. Use under well-ventilated conditions. Avoid skin contact. Spillage on the skin should immediately be removed with suitable cleanser, soap and water. Eyes should be well flushed with water and medical attention sought immediately.

Flammable product to be used and stored away from heat sources and naked flames. Do not smoke when using, avoid prolonged inhalation. Observe the general rules governing the use of solvents.

Use protective goggles and gloves, work in well ventilated areas with constant renewal of the air.