



Technical Data Sheet

FUTURE COATING SYSTEM CLEAR COAT

Characteristic Properties

It is a two-component acrylic polyurethane, medium solids clear coat especially formulated for spraying over base coat to give it very high gloss and excellent appearance. It has very high weathering and chemical resistance characterizes also its gloss retention is outstanding.

Materials For Application : Clear coat Hardener Thinner.

Suitable Substrates & Surface Preparation

This product is specially designed for application over base coat metallic finishes.

Mixing Ratio (By Volume)

Clear Coat	Hardener	Thinner
100	50	30

Pot Life

4 hours at 20 °C (When mixed with).

Spraying Viscosity

15-18 Seconds / DIN Cup No. 4/ 20 °C.

Application Process

- Apply 3 single coats.
- Allow 5-10 minutes for flash-off time between coats.
- Dust ingress and minor damages in clear coat can be polished out after allowing to Dry for 2 days at 20°C or 30 minutes at 60°C then flat off with superfine sand paper afterwards polish the area manually or mechanically.

Spraying Conditions

Spray gun	Nozzle diameter	Working pressure
Gravity feed	1.3-1.4 mm	3 - 4 bar
Suction feed	1.5-1.7 mm	3 - 4 bar
Gravity feed (HVLP)	1.3-1.6 mm	Max. 0.7 bar at the air cap
Suction feed(HVLP)	1.5-1.7 mm	Max. 0.7 bar at the air cap

Material Usage

Taking into account a transfer efficiency of 70% ,the theoretical material usage for one layer is 8 m²/L ready to spray mixture which calculates to 13 m²/L at 35 µ.

Note:

The practical material usage depends on many factors i.e. shape of the object , roughness of the surface, application method and application circumstances .

Cleaning Of Equipment

Use Degreaser or nitrocellulose thinner.

Drying Time: Using Hardener

Drying	20°C	60°C
Dust free	45 min	5 min
Tack free	4 hrs	15 min
Hard dry	18 hrs	45 min

Packing

1/2 L, 1 L, 5 L

Color

Transparent.

Shelf Life

5 Years at 20°C.

Material Safety Data

When using these products its required to comply with the national regulation for health and safety, The data on the label of the product must be considered. Storage and transportation should be comply with the local laws, The information given in this data sheet is based upon our best knowledge and experience with application conditions set to standards. The customers are requested to verify the results by their own selves to make sure that the product is suitable for their application and application conditions.

Flash Points and Transport Classification

Product	Flash point	ADR transport code
Future Coating System Clear Coat	21-55°C	3-31°C