

Fast Cure High Solid 2K 2-1 Clearcoat CX 9900

2-Component clearcoat based on new acrylic polyurethane copolymer resin fast cure technology, specially designed to crosslink at room temperature or under low-bake conditions with aliphatic polyisocyanates. It is particularly recommended for performance automotive coating, to be use in clear over base system.

PROPERTIES

- User friendly, very easy application with good flow properties.
- Excellent chemical and weather resistance.
- Excellent gloss retention and non-yellowing properties.
- Fast dry and good early hardness.
- Can be used for overall, panel, and spot repair.
- Has excellent buffability.

PRODUCTS

CX 9900	Corium FC HS 2K 2-1 Clearcoat
CX 9901	Corium FC HS 2K 2-1 Activator
CS 6000	Corium 2K Fast Thinner
CS 6600	Corium 2K Standard Thinner
CS 6900	Corium 2k Slow Thinner



CX 9900 TECHNICAL DATA SHEET


APPLICATION

Apply two coats directly over basecoat/colourcoat with 10 minutes flash time between coats. Upon completion, allowed 10 minutes flash before oven bake.




2 : 1 : 5-10%
MIXING RATIO

PRODUCT PREPARATION




MIXING RATIO

	FAST	STANDARD	SLOW
CX 9900	2	2	2
CX 9901	1	1	1
CS 6000	5-10%	-	-
CS 6600	-	5-10%	-
CS 6900	-	-	5-10%




1 HRS

POT OF LIFE AT 30°C




DIN 4: 16-18s
FORD 4: 16-18s
AFNOR 4: 18-20s

SPRAY VISCOSITY @30°C




10 mins
between COATS
10 mins
before BAKE

FLASH TIME




Dust Free 15 mins
Tack Free 1 hr
Dry to Handle 3 hrs
Dry to Handle
Oven Bake 30 mins @ 60°C

DRYING TIME @30°C




SPRAY EQUIPMENT

FEED	FLUID TIP	SPRAY DISTANCE
Gravity	1.4-1.6mm	15-20mm
Suction	1.6-1.8mm	15-20mm
HVLP	1.3-1.5mm	10-15mm
Pressure	1.0-1.2mm	15-20mm




SPRAY PRESSURE

Gravity feed	: 1.8 - 2.5 bar
Suction feed	: 1.8 - 2.5 bar
HVLP	: 0.65 bar at nozzle
Pressure feed	: 1.8 - 2.5 bar



2

AMOUNT OF COATS



60-70 µm

DRY FILM THICKNESS

SAFETY INSTRUCTIONS

1. Keep container tightly closed in a well ventilated place. Keep away from sources of ignition - No Smoking.
2. Do not breathe vapour, avoid contact with skin and eyes.
3. During spraying, wear suitable air-fed respiratory equipment.