

VOC 2K 2-1 Clearcoat VX 9000

2-Component VOC compliant ($< 420 \text{ g/l}$) clearcoat based on new acrylic polyurethane copolymer resin 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 used in clear over base system.

PROPERTIES

- User friendly, very easy application with good flow properties.
- Low Spray Viscosity with High Build and Gloss.
- Excellent chemical and weather resistance.
- Excellent gloss retention and non-yellowing properties.
- Can be used for overall, panel, and spot repair.
- Has excellent buffability.
- VOC Compliant, confirm with directive 2004/42/EC

PRODUCTS

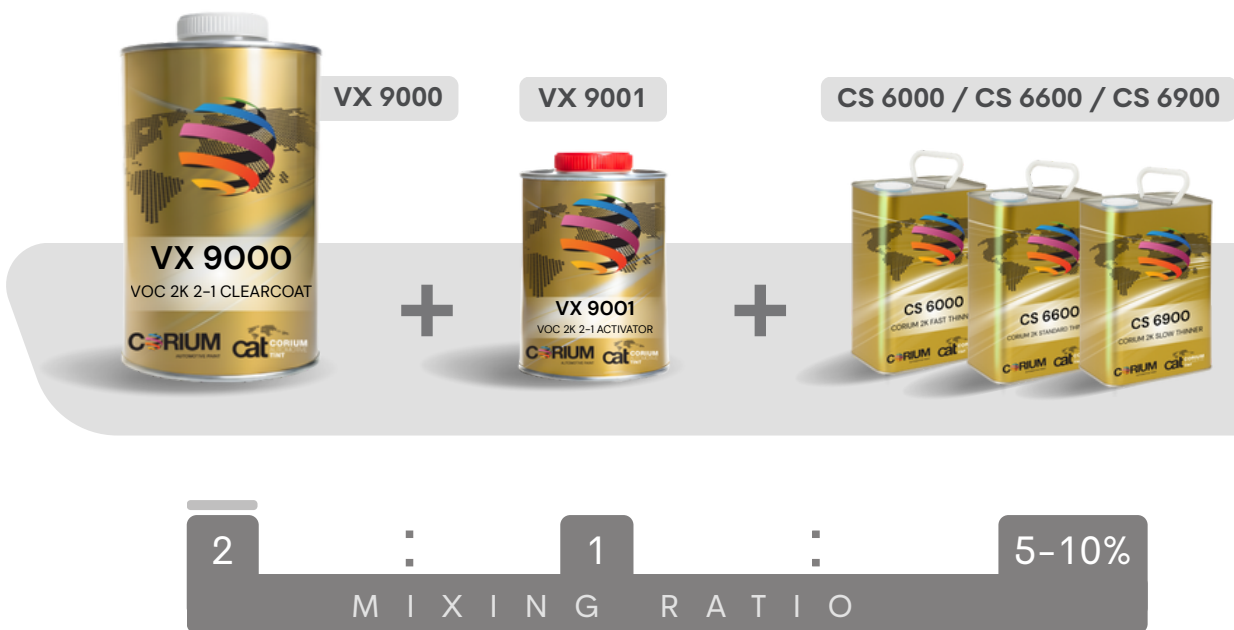
VX 9000	Corium VOC 2K 2-1 Clearcoat
VX 9001	Corium VOC 2K 2-1 Activator
CS 6000	Corium 2K Fast Thinner
CS 6600	Corium 2K Standard Thinner
CS 6900	Corium 2k Slow Thinner



VX 9000 TECHNICAL DATA SHEET

APPLICATION

Apply 2 coats directly over basecoat/colourcoat with 30 minutes flash time between coats. Upon completion, allowed 30 minutes flash before oven bake.



PRODUCT PREPARATION

A

B

C

MIXING RATIO

	FAST	STANDARD	SLOW
VX 9000	2	2	2
VX 9001	1	1	1
CS 6000	5-10%	-	-
CS 6600	-	5-10%	-
CS 6900	-	-	5-10%

30°C

2 HRS

POT OF LIFE AT 30°C

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

SPRAY VISCOSITY @30°C

30 mins
between COATS
30 mins
before BAKE

FLASH TIME

Dust Free 1 hrs
Tack Free 3 ½ hrs
Dry to Handle 12 hrs
Dry to Handle
Oven Bake 45 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

75-85 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.