

Corium-Pro 2K PU Enamel

Corium-Pro 2K PU Enamel is a two-component polyurethane topcoat designed for commercial vehicles, buses, trucks, and industrial applications. Based on Corium Universal Tint technology, it can be mixed with the CU 170 Corium-Pro binder to achieve a wide range of colors and finishes. It provides direct adhesion on various substrates, excellent chemical resistance, and strong weather durability.

PROPERTIES

- Direct adhesion on a wide range of substrates.
- User friendly, very easy application on large surfaces.
- Excellent appearance with high gloss and colour retention finish.
- Gives a fast set up and dry to assemble times.
- High resistance to chemicals and weather.

SUBSTRATES

- ALL OEM finishes and Corium primers.
- Direct application to Stainless Steel, Steel, Galvanize Steel, Aluminium, Alloy, Plastic, Rubber and Fibre composite material.

PRODUCTS

CT	Corium Tints
CU 170	Corium-Pro Binder
CU 171	Corium-Pro Activator
CU 175	Corium-Pro Matting Agent
CS 6000	Corium 2K Fast Thinner
CS 6600	Corium 2K Standard Thinner
CS 6900	Corium 2k Slow Thinner




CORIUM-PRO TECHNICAL DATA SHEET

Single Stage- Direct Gloss from the Gun



PRODUCT PREPARATION




MIXING RATIO

	FAST	STANDARD	SLOW
C7000	4	4	4
CU 171	1	1	1
CS 6000	1	-	-
CS 6600	-	1	-
CS 6900	-	-	1




45MINS

POT OF LIFE AT 30°C




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

SPRAY VISCOSITY @30°C




5 mins
between COATS
5 mins
before BAKE

FLASH TIME




Dust Free 30mins
Tack Free 2hrs
Dry to Handle 6 hrs
Oven Bake 30 min @ 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	: 1.5 - 2.5 bar
Suction feed	: 1.5 - 2.5 bar
HVLP	: 0.65 bar at nozzle
Pressure feed	: 1.5 - 2.5 bar



2

AMOUNT OF COATS



50-65 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.