

Clearcoat Technical Information







A brand of
BASF - We create chemistry

40U-420 Euro Production Clear







1. Properties / Information

- 40U-420 Euro Production Clear is a low 250 gms/liter (2.1 lbs/gal) VOC acrylic urethane clearcoat for use over baslac basecoat colors.
- 40U-420 is easy to apply and has excellent gloss and leveling.

2. Application

	Mixing ratio	2:1 2 parts 40U-420 1 part 50U-415 or 50U-420	Flexed - 4:1:3 4 parts 40U-420 1 part 80U-10 3 parts 50U-415 or 50U-420
	Pot life at 68°F / 20°C	3+ hours	3+ hours
	Spray viscosity Ford 4 at 68°F / 20°C	15 - 17 s	15 - 17 s
	Spray gun HVLP	1.3 - 1.5 mm	1.3 - 1.5 mm
	Spray pressure HVLP at the cap	9 - 10 psi	9 - 10 psi
	Application	2 medium wet coats	2 medium wet coats
	Film thickness	2.0 - 2.4 mil	2.0 - 2.4 mil

3. Flash off / Drying / Sanding

	Flash-off at 68°F / 20°C	5 minutes between coats	5 minutes between coats
	Drying at 68°F / 20°C at 140°F / 60°C	30 minutes dust free; 8 hours to handle 30 minutes; must allow 5 minutes flash before force dry	30 minutes dust free; 8 hours to handle 30 minutes; must allow 5 minutes flash before force dry
	Infrared short wave medium wave	10 - 20 minutes N/A	10 - 20 minutes N/A
	Wet sand by Hand	1200 or Finer	1200 or Finer
	Dry sand by Hand	P1200 or Finer	P1200 or Finer
	Dry sand by Machine	P1200 or Finer	P1200 or Finer

4. VOC / Comments

VOC	Compliant in areas requiring VOCs of 250 gms/liter (2.1 lbs/gal)
Comments	Do add up to a maximum of 2% 60U-05 catalyst to improve cure time. Please weigh the amount RFU by weight. Wait 24 hours before sanding, compounding or recoating.

Materials described are for application by professional trained personnel only using proper equipment. Products may be hazardous & should be used according to label directions & technical data information. Appropriate respiratory protection should be worn at all times while products are in use — read product label and Safety Data Sheet (SDS) for specific details. Statements & methods described are based upon the latest standard of technology known to the manufacturer. Application procedures cited are suggestions only & are not to be interpreted as warranty for events resulting from their use. Dilution ratios are intended to provide maximum performance within the typical Volatile Organic Compound (VOC) restriction for product use. Specific VOC limits need to be referenced to verify local compliance. Altering the solvent or dilution ratio may impact VOC compliance. User is solely responsible to ensure product use and application is in accordance with all applicable regulatory, legislative, and municipal requirements.