



UV CRYSTAL CLEAR 2:1

Product code 50300
TDS code TDS415-EN
TDS date V1 - 13.7.2009

Product	⇒ UV Crystal Clear 2:1 / scratch resistant
Product description	⇒ highly scratch resistant 2K clearcoat for passenger and truck repair ⇒ for complete respray, partial repair and spot-repair ⇒ easy application, fast drying ⇒ brilliant gloss and excellent flow ⇒ high UV-protection
Resin	⇒ isocyanate-crosslinking acrylic resin
Substrate	⇒ solvent- or waterborne basecoats or topcoats
Application	⇒ 1,3-1,5mm nozzle, 3-5 bar hose pressure, 10-15% thinner ⇒ HVLP: 1,2-1,4mm nozzle, 2-3 bar hose pressure, 0,7 bar nozzle pressure, 10-15% thinner ⇒ 2 full spray passes with wet flow, 20-30 µm each 5-10 min. flash-off.
Viscosity	⇒ 16-20 sec. 4 mm / DIN (ready for use)
Mixing ratio	⇒ 2:1 by volume + up to 10% thinner
Hardener	⇒ Hardener for UV Crystal 10/20 (fast) 82000 ⇒ Hardener for UV Crystal 15/25 (standard) 83000 ⇒ Hardener for UV Crystal 25/35 (slow) 84000
Thinner	⇒ Thinner 40610, 40620, 40630
Pot life	⇒ ca. 3-4 hours at 20° C
Drying time 21°C (touchable)	⇒ ca. 5-8 hours fully dried after approximately 2 days
Drying time 60°C (dust-dry)	⇒ flash-off time approx. 10 min. before oven-drying ⇒ ca. 30 min
Polishing	⇒ allow to cool down after oven drying, then polish
Film build	⇒ 20-30 µm each spraypass
VOC	⇒ 2004/42II B(e)(840)560
Shelf life	⇒ 1 year at 20°C in closed can
Flashpoint	⇒ > +23 °C