DURAFIL
AUTO TECHNOLOGIES INC.

PRODUCT DATA SHEET

Low VOC Compliant

CLARITY
BCB-300
BASECOAT BINDER

BCB300/LVCDAUS/0422_V01

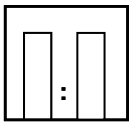
CLARITY BCB-300
LOW VOC BASECOAT BINDER

CLARITY BCB-300 is a Low VOC high performance IK Basecoat Binder that has been formulated with premium ingredients to provide you with the ultimate performance for your automotive basecoat paints.

SURFACE PREPARATION:

All surfaces should be finish sanded with 600/P800 grit wet or dry sandpaper. Clean surface to be refinished with CLEAN-FIL Silicone & Wax Remover CF-125. Repair surface must be free of dirt, oil, grease, wax, rust and other contaminants.

MIX RATIO: 1 : 1 By Volume

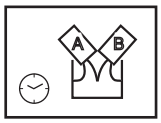


Mix 1 Part Basecoat Paint with 1 Part Reducer

Low VOC Reducers:

R-121/R121.5	FAST-FIL Fast Reducer	(13 - 19°C / 55 - 67°F)
R-122/R-122.5	MEDIUM-FIL Medium Reducer	(19 - 25°C / 67 - 77°F)
R-123/R123.5	SLOW-FIL Slow Reducer	(25 - 30°C / 77 - 86°F)
R-124/124.5	EXTRA SLOW-FIL REDUCER	(30 - 38°C / 86 - 100°F)

POT LIFE:



When properly covered at 25°/77°F, BCB-300 will maintain a sprayable viscosity indefinitely.

APPROVED SUBSTRATES:

Properly prepared previously painted surfaces
All 2K Primers/Surfacers
All 2K Primer Sealers
All Epoxy Primers

Note: Do NOT use over Self Etching Primers

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CLARITY

MAXIMIZE YOUR COLOUR!

BCB-300

BASECOAT BINDER

APPLICATION:

Spray 2 to 3 medium -wet coatswith an overlap of 75% until desired hiding and colour match are achieved.

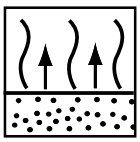
Allow a flash time of 5-10 minutes between each coat at 25°C/77°F or until finish is completely dull.

Dry mils: 2.0 to 3.0 mils (20 - 75 µm) Wet mils: 4.0 to 6.5 mils (100 - 165 µm)

Note: Surface temperature should be 20°- 38°C/68-100°F and the ambient humidity should be 75% or less.

DRY TIMES:

Air Dry @ 25°C/77°F



Flash Between Coats	5 - 10 Minutes
To Tape	15 - 20 Minutes
To Clear Coat	30 - 45 Minutes

* *Dry times may vary depending on amount of material applied, temperature and humidity*

SPRAY GUN SETUP & AIR PRESSURE:

Conventional Gun	Tip	Air Pressure
Gravity Feed:	1.3 - 1.4 mm	15 - 20 psi (1.0-1.5 bar) @ the gun
Siphon Feed:	1.6 - 1.7 mm	30 - 40 psi (2.0-2.8 bar) @ the gun
HVLP Gun		
Fluid Tip:	1.3 - 1.4 mm	6 - 8 psi (0.41-0.55 bar) @ the air cap

Note: For best results, refer to the spraygun manufacturer's recommendations for air pressures

TECHNICAL INFORMATION:

Appearance:	Water White
Weight Per Gallon:	3.66 kg - 3.78 kg / 8.07 lbs - 8.33 lbs
% Solids By Weight:	40 ± 2
Specific Gravity:	0.967 - 0.999
Tape Time, Air Dry:	15 - 20 Minutes @ 25° C / 77° F
Pot Life:	Infinite @ 25° C / 77° F
Mix Ratio:	1 : 1
Packaged VOC, Less Exempt:	233 g/L / 1.94 lbs/gal
RTS VOC, As Applied with R-121/R-122/R23 Reducers:	241 - 287 g/L / 2.01 - 2.36 lbs/gal

This product is Low VOC Compliant (< 420 g/L) . Confirm compliance with all provincial, state and federal regulations before use.

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