DURAFIL
AUTO TECHNOLOGIES INC.

Part No.: C-7700
Low VOC Compliant

PDS Form:
C7700/LVCDAUS/0317_V02.1

CLEAR-FIL C-7700

HIGH PERFORMANCE URETHANE CLEARCOAT



CLEAR-FIL C-7700 is a Low VOC, two component, High Performance Urethane Clearcoat. The unique Low VOC formulation of **C-7700** is ideal for day-to-day multi-panel and overall repairs. This clearcoat will deliver a rich, durable, long-lasting, high gloss finish with exceptional DOI everytime! **C-7700** will provide you with excellent flow, levelling, hardness and polishing properties while leaving behind a smooth, high gloss finish. It has been formulated with premium ingredients to be used over solvent and waterbased basecoats and offers you the choice of air dry or force dry applications. We offer a range of fast to slow dry Hardeners, **H-7701, H-7702, H-7703,** to meet your various speed-of-dry requirements. Select the appropriate hardener according to temperature and the size of the surface to which it will be applied to extract the optimum performance from the Low VOC **C-7700** High Performance Urethane Clearcoat system.

Part No.	Product	Units	Units/ Case
C-7700	CLEAR-FIL High Performance Urethane Clearcoat	3.78 L/1 US Gallon	4
H-7701	CLEAR-FIL Fast Dry Hardener	946 ml/1 US Quart	8
H-7702	CLEAR-FIL Medium Dry Hardener	946 ml/1 US Quart	8
H-7703	CLEAR-FIL Slow Dry Hardener	946 ml/1 US Quart	8
R-121	FAST-FIL Fast Reducer	3.78 L/1 US Gallon	4
R-121.5	FAST-FIL Fast Reducer	18.9 L/1 US Gallon	Ea.
R-122	MEDIUM-FIL Medium Reducer	3.78 L/1 US Gallon	4
R-122.5	MEDIUM-FIL Medium Reducer	18.9 L/5 US Gallons	Ea.
R-123	SLOW-FIL Slow Reducer	3.78 L/1 US Gallon	4
R-123.5	SLOW-FIL Slow Reducer	18.9 L/5 US Gallons	Ea.

Mix Ratio: 4 :1 : 20%

Required Catalyst: H-7701/H-7702/ or H-7703 CLEAR-FIL FAST, MEDIUM, OR SLOW HARDENER

Reducer: R-121/R-122/R-123 FAST-FIL, MEDIUM-FIL, or SLOW-FIL REDUCER

PDS

Refer to Product Data Sheet (PDS) C-7700 for more information

FEATURES

- Low VOC System
- Rich, High Gloss Finish
- Exceptional DOI
- Excellent Application Properties
- Excellent Flow/Levelling Properties
- Excellent Polishing Properties
- Excellent Exterior Durability
- Excellent Resistance to Yellowing

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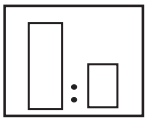
CLEAR-FIL C-7700 is a Low VOC High Performance Urethane Clearcoat formulated with premium ingredients to provide you with the ultimate finish. This two component urethane clearcoat is ideal for the day-to-day mutli-panel and overall repairs and can be applied over both solvent and waterbased basecoats. It offers you the choice of air dry or force dry applications. **C-7700** will provide you with excellent application properties, flow and levelling, hardness and polishing properties while leaving behind a durable, rich, high gloss finish with exceptional DOI everytime!

PROTECTION:



Use only in a well ventilated area. Always wear the appropriate safety equipment. Consult with safety equipment supplier to ensure the proper safety equipment and protective clothing are being used.

MIX RATIO:



4 : 1

4 Parts **C-7700** CLEAR-FIL High Performance Urethane Clearcoat

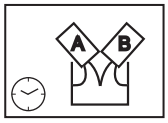
1 Part **H-7701/H-7702/H-7703** CLEAR-FIL Hardener

20% **R-121/R-122/R-123** FAST-FIL, MEDIUM-FIL or SLOW-FIL Reducer



Stir mixture thoroughly and strain.

POT LIFE:



2 - 2 1/2 Hours @ 21°C / 70°F

SPRAY PRESSURE:



Conventional: 1.2 mm / 25 - 30 psi at the gun

HVLP: 1.2 mm / 6 - 8 psi at the air cap

For proper spray pressure, please refer to spray gun manufacturers' recommendations.

APPLICATION:



Using 25 - 30 psi **at 75°F**, apply 2 wet coats of the **C-7700** mixture until desired build is achieved. Apply a third coat if necessary, using the same procedure.

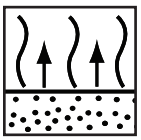
PRODUCT DATA SHEET

PART NUMBER: C-7700

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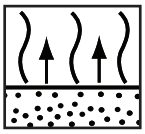
FLASH TIME:



5 - 10 minutes

Allow 5 - 10 minutes flash time at a temperature **less than 75°F**

BAKING:



10 minutes



30 minutes
60°C / 140°F

C-7700 may be air dried or force dried. Allow a 10 minute flash time from application of the final coat. If desired, bake for 30 minutes at 60°C / 140°F. Let cool for 15 minutes.

POLISHING:



If polishing is necessary to remove minor dirt nibs, allow the following time to lapse before polishing the surface:

Force Dry at 60°C / 140°F:	30 Minutes
Air Dry at 21°C / 70°F:	12 Hours/Overnight

TECHNICAL INFORMATION:

Appearance:	Clear Liquid
Weight Per Gallon:	3.70 kg / 8.16 lbs (at SG 0.978)
% Solids By Weight: (C-7700 Only)	40 ± 2
% Solids By Weight, RTS: (Ready-to-Spray)	42 + 2
Pot Life:	2 - 2 1/2 Hours @ 21° C/70° F
Mix Ratio By Volume:	4 : 1 + 20% Reducer
Coats To Appy:	2 - 3

SAFETY & HANDLING:

Important: For Industrial Use Only by trained professionals using proper safety equipment. Prior to using be sure to read and understand the warnings of this product and all products it may require, since the mixture will have the hazards of all its components. Observe all precautions for all components. Use only with adequate ventilation and wear the appropriate safety equipment. Refer to Safety Data Sheet (SDS) for more and current information regarding this product and handling instructions.

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FILLERS



Lightweight

Fibreglass Lightweight

Premium Lightweight

PUTTIES



Polyester Glazing



Polyester Finishing

CLEAR COATS



High Performance



Fast Dry

PAINTS



Urethane

Acrylic Enamel

Enamel

Transparent Urethane Sealer



Plastic Adhesion Promoter





Reducers



Epoxy Primer



IIK Urethane Primer

Silicone & Wax Remover



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