



EGC17

UNIVERSAL 2:1 DEEP HIGH GLOSS URETHANE CLEARCOAT

EGC17 2:1 Universal Clearcoat is a high solids two component acrylic clearcoat. EGC17 is specially formulated to provide maximum flexibility while still providing a deep high gloss and long-term durability. Choose from a range of three activators that offer three major benefits:

- Can be used for spot, panel and overall repairs.
- Can be used in the varying shop conditions.
- Can be air-dried or force dried in down draft, cross flow booths, or with infrared drying equipment.

PROPERTIES

- High solids.
- Durable high build UV resistance with optimum gloss retention.
- Excellent gloss and long term durability.
- Easy to apply.
- Excellent flow and non-sag properties.
- Easy to wet sand and buff.
- Can be reduced up to 10%.
- Ideal for complete resprays.
- Easily polished once cured.

TECHNICAL DATA



Substrates

- Compatible with most solvent base coat systems.
- Compatible with most water borne base coat systems.

Viscosity as supplied	15-17
Solid content without reducer	43%
Specific weight: Clearcoat	0.975 + 0.01
Specific weight: Hardener	0.982 + 0.01

APPLICATION GUIDE



Tools Required

- SYSTEM 20™ Degreaser
- U-POL Tack Cloth
- MAXIMUM HVLP Gravity Gun
- Abrasives
- UP2433 Fade Out Reducer
- MAXIMUM Painters Overalls



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Hardener Selection

Suggested temperature range for use of EGC hardeners is a recommendation. There are other conditions to consider, such as humidity, size of the repair, etc.

Temp °F	50°	60°	70°	80°	90°	100°+
EGC40						
EGC42						
EGC43						



Substrate Preparation

To achieve best results, good preparation is essential. Degrease with UP2002, UP2012, UP2021, or UP2022 Wax & Grease Remover and allow to dry thoroughly before and after surface preparation.

Over Original Cured Paint:

Wet-sand with P1200-P1500 or dry-sand with P1000-P1200.

Over Fresh Basecoat:

Follow paint manufacturer's recommendation for applying over basecoat.



Mixing Ratio

Clearcoat 2 parts
EGC Hardeners 1 part



Mixing by Weight (ounces)

Clearcoat 2
EGC Hardeners 1



Viscosity DIN 4 / sec

15-17

Pot-Life @ 70°F / hours

4-6

Ready for use VOC

4.94 lbs/gal (592 g/l)



Compliant HVLP Gravity Gun

Gun tip size (in mm) 1.2 to 1.4

Air Pressure at the gun (in PSI) 28



Coats

2 wet coats

Build / MIL per coat 1.0 - 1.5

*Theoretical Coverage approx. (in sq ft/gallon) 432 - 648

*Theoretical Coverage per ready to spray gallon assuming 100% transfer efficiency and giving the dry film thickness between indicated values.



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Flash-off / min @ 64-72°F

Between coats	5-10
Before curing	5-10



Drying Times

Dust free @ 70°F / min	60
Through Dry @ 70°F / hours	12-14
Through Dry @ 140°F / min	30
Through Dry with I.R. / min	15
Distance for I.R.	20 minimum
Recoat Window	Up to 8 hours. Sanding is required after 8 hours.



Polishing

Remove any possible dirt and polish once fully cured. Repair is ready to polish approximately 1 hour after the repair has cooled down to ambient temperature.

STORAGE & VOC INFORMATION



Shelf Life

Recommended Storage Temperature	2 years from date of manufacture in sealed original containers. 40°F - 75°F
Recommended Application Temperature	As per the Hardener Selection table above.
Equipment Cleaning	Clean gun immediately after use with U-POL reducer or gunwash.

Important Remarks

Do not use activated product beyond pot life.
Activated material should not be returned to the original can of non-activated material.



VOC Information

The VOC content of this product in ready to use form is 4.94 lbs/gal (592 g/l).
Solids of clear base is 4.34 lbs/gal (520 g/L).

Order Code	Format	Regulatory As Packaged VOC:	Actual As Packaged VOC:
EGC17	5L Tin	4.43 lbs/gal (531 g/l)	4.43 lbs/gal (531 g/l)

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IMPORTANT: FOR PROFESSIONAL USE ONLY. Read full instructions before use.

This product contains hazardous materials and therefore appropriate personal protective equipment should always be used. Please refer to the label and consult the safety data sheet for full handling instructions and personal protection information. U-POL disclaims any liability where the user does not wear the recommended personal protective equipment. The above data is for information only and may change without prior notice. It is the Buyers responsibility to ensure the suitability of the products for their own use and check the information is up to date. The recommendation of use of our products and application in our technical data sheets are based on our knowledge and experience. These data sheets are available via your local distributor or via the U-POL website at WWW.U-POL.COM. U-POL is not responsible for the results obtained by others over whose methods we have no control and thereof U-POL is not liable for consequential or incidental damages including loss of profits.

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