



TECHNICAL DATA SHEET

Version: 3.0

LOW VOC 4:1 HS PRIMER FILLER

TECHNICAL DATA SHEET & PROCESS GUIDE

EGC22TT is a multipurpose, DTM, 2K primer surfacer for use as a primer filler, primer surfacer, or a wet-on-wet sealer.

- High solids content
- Easy to sand with great holdout
- Protective sealant properties eliminate the need for epoxy sealants
- Tintable with 10% mixing base
- Excellent adhesion direct to metal and over OEM paint, e-coat, fiberglass, most plastics and polyester filler
- Triple Tight Tin fits on a standard mixing bank

Available Colors • Gray

TECHNICAL DATA



	Base	Mixed
Viscosity		50 - 70 s/ ZAHN#2
Solid content	76.10%	70.50%
Specific gravity g/cm ³	1.64	1.53

APPLICATION GUIDE

Substrates	• Original Paint	• Bare Steel	• E-coat
	• Galvanized steel*	• Polyester Fillers	• GRP, SMC, Fiberglass
	• Aluminum*	• Most plastics*	





Tools Required

- EGC89 Solvent Base Degreaser
- P180 - P600 Grit Sandpaper
- HVLP Gravity Gun



Surface Preparation

	Bare Steel	Aluminum*	Galvanized*	Original Paint	Polyester Body Filler	GRP / SMC / Fiberglass	Polypropylene / most plastics*
	EGC89	EGC89	EGC89	EGC89	EGC89	UP2002	UP2002
	P180	P180	P180	P220	P220	P220	P220

For best results, good preparation is essential: Clean and degrease removing dirt, oil, grease and wax with a cleaning solution, like **EGC89 Solvent Based Degreaser** or **System 20 Water Based Degreaser** (UP2002) before and after sanding. Dry thoroughly before applying **EGC22TT Low VOC 4:1 HS Primer Filler**.

**Aluminum and galvanized steel components must be primed with 1-2 light coats of ACID#8 Acid Etch Primer and allowed to dry for 20 minutes before applying EGC22TT.*









**Plastic components must be prepared with a suitable adhesion promoter such as GRIP #4 1K UNIVERSAL ADHESION PROMOTER AEROSOL. Please refer to the product technical data sheets. For best results over plastic parts, use the Primer Surfacer mix ratio 4:1:1.*

Hardener Selection



Temperature °F	Hardener
41 - 77°F	EGC36 Low VOC Fast
59 - 95°F	EGC35 Low VOC Standard
77 - 104°F	EGC34 Low VOC Slow



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	Mixing Ratio	High Build Primer	Primer Surfacer	Wet-on-Wet Sealer
	EGC22TT:Hardener	4:1	4:1:1	4:1:2
	Mixing by Weight (grams)			
	EGC22TT	200	200	200
	EGC35	33.7	33.7	35
	Zero VOC Reducer	-	23.4	55
	Viscosity ZAHN #2 / sec	50 - 70	20 - 22	16 - 18
	Working Pot-Life @ 70°F	1 - 2 hours	1 - 2 hours	2 - 3 hours
	Compliant HVLP Gravity Gun			
	Gun tip size	1.7 - 2.0mm	1.6 - 1.8mm	1.3 - 1.4 mm
	Air Pressure at the gun	26 - 29 PSI		26 - 29 PSI
	Coats	1 - 2 coats	2 - 3 coats	1 - 2 coats
	Build / microns	180	100 - 120	30 - 60 µm (1 - 2 MIL)
	Flash-off @ 70°F			
	Between coats	15 mins	10 mins	10 mins
	Drying Times			
	Sandable @ 70°F	3 - 4 hours	3 - 4 hours	2 - 3 hours
	Sandable @ 140°F	30 mins	30 mins	20 - 30 mins
	Sandable IR @ 140°F	15 mins	15 mins	15 mins
	Sanding			
	Dry Sanding / Abrasive	P320 - P400	P500 - P600	P500 - P600 if required
	Wet Sanding / Abrasive	P320 - P400	P500 - P600	P500 - P600 if required
	Over Painting			
	EGC22TT can be directly topcoated with most solvent and water-based basecoats or solid colors.			

STORAGE & VOC INFORMATION

	Shelf Life	2 years from date of manufacture in sealed original containers.		
	Recommended Storage Temperature	40°F - 75°F		
	Recommended Application Temperature	As per the Hardener Selection table above		
	Equipment Cleaning	Clean gun Immediately after use with EGC reducer or gunwash. Please be aware of your local VOC regulations.		
	Important Remarks	Do not use activated product beyond pot life. Activated material should not be returned to the original can of non-activated material. After 10 minutes standing, the coating may need mild agitation to reliquify before 2nd and 3rd coat applications.		



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	EGC22TT - GRAY As Packaged		As Applied 4:1 with EGC35 LOW VOC STANDARD ACTIVATOR	
VOC Regulatory	266 g/l	2.2 lbs/gal	248 g/l	2.1 lbs/gal
VOC Actual	201 g/l	1.7 lbs/gal	170 g/l	1.4 lbs/gal
Percent Solids	76.0% by weight	53.3% by volume	70.4% by weight	50.2% by volume
Volatiles	24.0% by weight		29.6% by weight	
Water	0% by weight	0% by volume	0% by weight	0% by volume
Exempt compounds	11.7% by weight	24.3% by volume	18.5% by weight	31.3% by volume
HAPS %	6.3% by weight		5.4% by weight	
Density	1638 g/l	13.7 lbs/gal	1531 g/l	12.8 lbs/gal
	As Applied 4:1:1 with EGC35 LOW VOC STANDARD ACTIVATOR and a "Fast Zero-VOC Reducer"		As Applied 4:1:2 with EGC35 LOW VOC STANDARD ACTIVATOR and a "Fast Zero-VOC Reducer"	
VOC Regulatory	222 g/l	1.8 lbs/gal	222 g/l	1.8 lbs/gal
VOC Actual	118 g/l	1.0 lbs/gal	105 g/l	0.9 lbs/gal
Percent Solids	57.9% by weight	40.7% by volume	53.6% by weight	36.2% by volume
Volatiles	42.1% by weight		46.4% by weight	
Water	0% by weight	0% by volume	0% by weight	0% by volume
Exempt compounds	33.3% by weight	46.9% by volume	38.3% by weight	52.8% by volume
HAPS %	3.9% by weight		3.6% by weight	
Density	1342 g/l	11.2 lbs/gal	1289 g/l	10.7 lbs/gal

REORDER CODE

Order Code	Size	Product
EGC22TT	1 US Gallon	Gray Primer
EGC34	1 US QT Tin	Clear
EGC35	1 US QT Tin	Clear
EGC36	1 US QT Tin	Clear
EGC89	1 US Gallon	Clear
UP2002	1.32 US Gallon	Clear

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 stockist 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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