



TECHNICAL DATA SHEET Version: 1.0

3:1 BED LINER KIT

DESCRIPTION

EGC101 Expert Bed Liner is a tough, 2K coating that provides long lasting protection to vehicles and any other suitably prepared metal surfaces. Manufactured in Europe using the latest resin technologies, EGC101 Expert Bed Liner will give outstanding protection against mechanical damage, sunlight, water, corrosion and chemicals.

FEATURES

DURABLE

Provides a tough scratch and stain resistant surface.

Protects against rust and corrosion.

UV RESISTANT

Delivers a high level of fade resistance.

WATER RESISTANT

Provides a water resistant finish, keeping moisture out and preventing rust.

EASY TO USE

Can be applied with Schutz Gun, HVLP gun, roller or brush.

Surfaces coated with EGC101 can be returned to service within 24 hours.

LOW VOC

<1.7 lb/gal formulation is compliant across all of North America.

SUBSTRATES AND PREPARATION

Substrates

- Original Paint
- Properly prepared metals*



Substrate Preparation

To achieve best results with EGC101 Bed Liner, good preparation is essential.

- 1. Remove all loose material and any rust from the surface to be coated.
- 2. Clean and degrease the surface.
- 3. Abrade the surface with P80-P120 grit sand paper.
- 4. Re-clean the surface.
- * Bare metals: Prepare with a 2K anti-corrosive epoxy primer according to manufacturers instructions for optimum adhesion and corrosion resistance.





TECHNICAL DATA SHEET Version: 1.0

3:1 BED LINER KIT

MIXING



Mixing Ratio

	U-POL Application Gun	HVLP Gravity Gun
Bed Liner : Hardener	3:1	
Reducers	Ready to use - Reducer not recommended	

EGC101 Bed Liner is easy to mix. Stir EGC101 Bed Liner thoroughly before pouring into a measuring cup. Add the Hardener at 3 parts EGC101 to 1 part Hardener by volume. Mix components until smooth. EGC101 Bed Liner is only compatible with the provided EGC101 Hardener.

Pot life of EGC101 Bed Liner once activated is 20 minutes at 68°F (20°C).

Clean gun between mixes.

APPLICATION

- 1. Transfer activated material to a Schutz gun.
- 2. Adjust the air pressure to 40-60 PSI. (2.75-4.10 bar)
- 3. Apply to the prepared surface with an even sweeping motion to obtain the desired texture.
- 4. If applying additional coats, allow to flash off for 20 minutes between coats.

It is recommended to spray a test panel first to ensure the desired texture is achieved. Varying pressure, distance and speed of coverage will result in different texture.

Do not use EGC101 Bed Liner in extreme cold or hot temperatures. Ideal application temperature is 68°F (20°C) with humidity of less than 60%.



HPLV Gravity Gun

Gun tip size 1.7 - 2.0 mm
Air Pressure at the gun 29 PSI



Coats Applying 2 medium coats of EGC101 Bed Liner is recommended.

Build / microns 2 Coats: 8 MIL (200µ) approximately



Flash-off / min @ 68°F (20°C)

Between coats Wait 20 minutes between coats.

IMPORTANT! Do not place heavy loads on the surface until EGC101 Bed Liner is fully cured.



3:1 BED LINER KIT





Drying Times

TECHNICAL DATA SHEET

Touch Dry @ 68°F (20°C)

Less than 1 hour

Through Dry @ 68°F (20°C)

Less than 24 hours

Reducing flash off time, excessive film build, and/or reduced temperatures will alter drying time. Do not allow EGC101 Bed Liner to come in contact with water for at least 24 hours.



Over Painting

EGC101 can be overpainted after the following preparation:

- 1. Let sprayed EGC101 Bed Liner dry for 24 hours.
- 2. Abrade with a fine abrasive pad.
- 3. Clean and degrease.

PROPERTIES



Data

Flash point 9°F (-13°C) Solid content Approx. 54 %

Specific gravity Approx. 8.5 lb/gal US (1020 g/l)

Chemical Resistance

Diesel: No effect NaOH: No effect

Petrol: Resistant to splashes Bleach: No effect Xylene: Resistant to splashes Alcohol: No effect

Hydraulic Oil: No effect

Urine: No effect

STORAGE & VOC INFORMATION



Shelf Life

12 months from date of manufacture in sealed original containers.

Storage

EGC101 Bed Liner should be stored in cool, dry conditions in the original containers.

Equipment Cleaning

Clean spray gun between mixes. All equipment should be thoroughly washed with acetone immediately after use.



1.7 VOC EGC101 Bed Liner Black 4L Kit

As Received Regulatory: 251 g/l (2.09 lb/gal)

> Actual: 136 g/l (1.13 lb/gal)

As Applied Regulatory: 193 g/l (1.61 lb/gal)

> Actual: 123 g/l (1.03 lb/gal)





TECHNICAL DATA SHEET Version: 1.0

3:1 BED LINER KIT

PRODUCT CODES

Order Code	Description	Case Qty
EGC101	EGC101 Bed Liner Black 4L Kit	1

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 material 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 up-to-datedness of this information. The recommendation of use of our products and application are based on our knowledge and experience. Please refer to the label and consult the material safety data sheet for full handling instructions and personal protection information. These 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.

U-POL US, Inc. US Sales Rest of the World Sales Technical

 180 Commerce Way
 T: 610 746 7081
 T: +44 (0)20 8492 5900
 T: +44 (0)1933 230 310

 Stockertown, PA 18083
 F: 610 743 8654
 F: +44 (0)20 8492 5999
 F: +44 (0)1933 425 797

WWW.U-POL.COM sales-us@u-pol.com sales@u-pol.com technicaldepartment@u-pol.com