

Custom Linings Sprayed on Bed Liners 1-888-TRUK-BED

Custom Linings® 911 Two Component Aromatic Polyurea Protective Coating

DESCRIPTION

Custom Linings® 911 is a two component, 1:1, 100% solids, fast set, liquid applied, aromatic polyurea liner system for metal, concrete, fibre glass and wood surfaces. Suitable for applications at -20F

FEATURES

- ❖ Excellent Thermal Stability
- ❖ Good Chemical Resistance
- ❖ No Toxic Vapors
- ❖ Meets USDA Criteria
- ❖ Low Temperature Flexibility
- ❖ Abrasion and Impact Resistant
- ❖ Zero VOC
- ❖ Odorless
- ❖ Quick Drying
- ❖ Non-reactive

TYPICAL USES

- ❖ Cargo liners
- ❖ Utility Vehicles
- ❖ Truck Bed Surfaces
- ❖ Boat Linings
- ❖ Waterproof Decking
- ❖ Encapsulation of Fiberglass Bodies and Polystyrene Foams
- ❖ Cargo Holds
- ❖ Horse Trailers
- ❖ Industrial Floorings
- ❖ Walkways
- ❖ Containment Areas

COLOR

Black, Neutral or Gray

PACKAGING

107 gallon kit: 53.5 gallons (500 lbs. net) Part-A and 53.5 gallons (454 lbs. net) Part-B.

MIXING

Custom Linings® 911 may not be diluted under any circumstances. Thoroughly mix 911 Side-B Base material with air driven power equipment until a homogeneous mixture and color is obtained. Both Side-A and Side-B material should be at the temperature range of 150-160°F before application.

Side-B base material must be thoroughly agitated until a homogenous mixture is obtained. Do not allow air to be incorporated into the product. Total suspension must be achieved. Side-A Isocyanate requires no mixing.

COVERAGE

Custom Linings® 911 may be applied at any rate to achieve desired thickness. Theoretical coverage per gallon is 1600 sq. ft. at 1 mil.

SURFACE PREPARATION

In general, coating performance is directly proportional to surface preparation. All surfaces must be free of oil, grease, dirt and other contaminants.

Pick-Up Truck: Sanding and scuffing of the original paint

TECHNICAL DATA (Based on compressed film)

Flash Point	>200°F
Density	8.9 lb/gal
Viscosity at 80°F (24°C), Brookfield,	
Part-A	800 ± 200 cps
Part-B	400 ± 100 cps
Spray Temperature	150-160°F
Mix Ratio, by volume	1A:1B
Pot Life, 160°F @ 50% R.H.	2-4 seconds
Hardness, ASTM D-2240	50 ± 5 Shore D
Tack Free Time, 160°F	30-50 seconds
Tensile, ASTM 412-C	3200 ± 200 psi
Elongation, ASTM 412-C	500%
Tear, ASTM 624-C	250 ± 20 pli
Abrasion Resistance,	
H-18, 1000 Cycles, 1 Kg	76 mg

finish is required to obtain a permanent bond of the spray-on liner to the pick-up truck bed.

After the vehicle is masked with paper and the surface has been thoroughly cleaned, sand the surface using 40 grit sanding discs on an autobody disc arbor.

In areas which cannot be accessed by power tools, surface preparation can be completed by hand using 80 or 100 grit sandpaper or a coarse scuffing pad such as Scotchbrite.

Take care that all edges at tape lines are well scuffed and sanded.

After sanding and scuffing the surface must be clean and dust free.

Concrete: Remove all contaminants such as oil, grease, dirt, form oil residue, wax or any other chemical product prior to proceeding with surface preparation. The surface should be free of voids, pot holes or bug holes, loose or weak concrete and the necessary surface profile must be achieved as listed below to ensure proper adhesion and good surface appearance.

Abrasive blast using brush blast technique or better to achieve 1.5-3 mil anchor profile.

Vacuum to remove dust, etc., prior to application of primer.

Use fiberglass (C-Veil Glass) or a geotextile cloth to bridge cracks over the primed surface.

Primer is always recommended to take care of voids, pot holes or bug holes etc.

APPLICATION

Plural component, heated, high pressure 1:1 spray mixing equipment like Custom Linings CMX or CX machines by Glas-Craft or other equivalent machine.

Both Side-A and Side-B materials should be sprayed at temperatures above 150°F. Adequate pressure and temperature should be maintained at all times.

STORAGE

Custom Linings® 911 has a shelf life of six months from date of manufacture in original, factory sealed containers.

LIMITATIONS

Due to its aromatic composition, Custom Linings® 911 will tend to yellow or darken in color after exposure to UV light. Choose to apply dark colors that will not show the effects of UV light (black, battleship gray, ect) or you may choose to topcoat, with a product such as MPL Topcoat an aliphatic polyurethane coating for a color-fast glossy finish.

Do not open until ready to use.

Avoid exposure to freezing temperatures for an extended period of time.

Store drums on wooden pallets to avoid direct contact with the ground. If stored for a long period of time, rotate Side-A drums regularly.

Both Side-A and Side-B containers must be fitted with a desiccant device during use.

WARNING

This product contains isocyanate and curative material.

Please read all information in the general guidelines, product data sheets, guide specifications and material safety data sheets (MSDS) before applying material. Published technical data and instructions are subject to change without notice. Contact your local Custom Linings representative or visit our website for current technical data and instructions.

SAFETY PRECAUTIONS

This product is for industrial use only by professional applicators and is not intended or suitable for use in or around a household or residential property. Keep away from children and household items. This material contains polyisocyanates. Vapors and spray mist are harmful. Improper handling and use may be hazardous. At all times safety precautions must be strictly followed during storage, handling and application.

WARNING

Individuals with chronic respiratory problems or prior respiratory reactions to such materials should not be exposed to vapors. All personnel entering the application area, including the applicator must wear properly fitted, NIOSH/MSHA approved, fresh air positive pressure air respirators with a full face piece or an air supplied hood.

Keep the material away from sparks, flash and open flames. Containers, even those that have been emptied, may contain dangerous and explosive vapors. Do not cut, drill, grind, weld or perform similar operations on or near containers. Do not pressurize containers to empty them.

LIMITED WARRANTY

Custom Linings warrants its products to be free of manufacturing defects and that they will meet Custom Linings current published physical properties. Custom Linings warrants that its products, when properly installed by a licensed applicator according to Custom Linings guide specifications and product data sheets over a sound, properly prepared substrate, will not allow water migration for a period of three (3) years. Seller's and manufacturer's sole responsibility shall be to replace that portion of the product of this manufacturer which proves to be defective. There are no other warranties by Custom Linings of any nature whatsoever expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. Custom Linings shall not be liable for damages of any sort, including remote or consequential damages resulting from any claimed breach of any warranty whether expressed or implied. Custom Linings shall not be responsible for use of this product in a manner to infringe on any patent held by others. In addition, no warranty or guarantee is being issued with respect to appearance, color, fading, chalking, staining, shrinkage, peeling, normal wear and tear or improper application by the applicator. Damage caused by abuse, neglect and lack of proper maintenance, acts of nature and/or physical movement of the substrate or structural defects are also excluded from the limited warranty. Custom Linings reserves the right to conduct performance tests on any material claimed to be defective prior to any repairs by owner, general contractor, or applicator.

DISCLAIMER

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