

Fusor[®] 130 Rigid Foam (Super Fast)

Technical Data Sheet

Fusor[®] 130 rigid foam is a two-component, urethane-based foam used for sound & vibration dampening, reinforcement, and sealing/filling of fender rails, pillars, rocker panels, quarter panels and floors.

Features and Benefits:

Versatile – expands to ten times its size.

Excellent Appearance – matches OEM hard foam appearance.

Durable – provides tough compressive strength for maximum energy absorption.

NVH Reduction – reduces noise, vibration and harshness for a quieter ride.

Environmentally Resistant – does not retain moisture.

Easy to Use – super fast application; provides full foam expansion in 4 minutes.

Application:

Prepare – Remove any necessary panels and use a drop cloth to protect the surrounding area against accidental drippage.

Apply – Load cartridge into a manual applicator and remove the end caps from cartridge packaging.

Note: Due to the thin viscosity of the material, a pneumatic applicator is not recommended.

Prepare foam for application by gently squeezing out a small amount of material to ensure that foam freely flows from both sides of the cartridge. Attach mixing tip.

Apply a bead of foam between the vibrating panels or dispense a stream of material to fill a void. Avoid dispensing material too quickly. Foam will expand approximately 10 times its original volume to fill voids or eliminate vibration.

When filling voids, build a dam to locate the foam where desired. When sealing pillars or posts, apply a sufficient amount of foam; approximately 1/3 to 1/2 of a cartridge may be needed depending on size and configuration of void.

Remove the mixing tip immediately after usage and install supplied cartridge plugs to avoid pressure build-up.

Note: Various applications, cleaners/solvents and coatings may not be compatible with this product and should be tested by the user before proceeding with intended repair procedure.

Finish – If desired, foam can be painted in 10 minutes.

For more application information, refer to www.lord.com/fusor for standard operating procedures or application training videos.

Technical Tips

- When applying Fusor 130 rigid foam to a vertical panel, dispense the material to the end of the tip. Allow the material to start foaming, then slowly dispense into the appropriate area. This will keep the material from running down the panel.

Typical Properties*

| | |
|----------------|--------------------------|
| Appearance | Beige Foam |
| Base Chemistry | Urethane |
| Work Time | 25 seconds @ 70°F (21°C) |
| Full Expansion | 4 minutes @ 70°F (21°C) |
| Paint Time | 10 minutes @ 70°F (21°C) |
| Full Cure | 1 hour @ 70°F (21°C) |

*Data is typical and not to be used for specification purposes.



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Shelf Life/Storage

Shelf life is 24 months from date of manufacture when stored at 75°F (24°C) in original, unopened container.

Cautionary Information:

Before using this or any Parker LORD product, refer to the Safety Data Sheet (SDS) and label for safe use and handling instructions.

For industrial/commercial use only. Must be applied by trained personnel only. Not to be used in household applications. Not for consumer use.

Fusor® Repair Products Lifetime Guarantee*

LORD Assembly & Protection Solutions Division of Parker-Hannifin Corporation ("Parker LORD") guarantees to the user that Fusor® Repair Products (adhesives, primers, seam sealers and foams only), when used in strict accordance with Parker LORD application and use instructions, will provide a durable repair for the life of the vehicle per the product's technical data sheet. The user is solely responsible for determining the Fusor product and application method for the repair. Application and product guidance can be found on Fusor.com.

THIS EXPRESS WARRANTY IS MADE IN LIEU OF AND EXCLUDES ANY AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, BY OPERATION OF LAW OR OTHERWISE, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

Parker LORD shall not be liable under any circumstance for any liability, loss, damage or expense directly or indirectly arising from the application and use of Fusor Products sold hereunder or from any other cause. Parker LORD shall not be liable under any circumstances for consequential, indirect or special damages. **PARKER LORD'S LIABILITY FOR BREACH OF WARRANTY HEREUNDER IS IN ALL INSTANCES LIMITED SOLELY AND EXCLUSIVELY TO THE REASONABLE COSTS OF REPAIR AND/OR REPLACEMENT OF THE BONDED COMPONENTS OF THE VEHICLE.**

This guarantee shall only apply to the above referenced Fusor products sold by Parker LORD on or after January 1, 2001.

Fusor Metal Bonding Adhesives shall only be used for the adhesive-only bonding (no welds or rivets) of metal to metal assemblies (steel or aluminum) in full or partial panel replacements of door skins, roof skins, quarter panels, rear body panels and other outer body sheet metal where approved by the vehicle manufacturer.

Fusor products shall not be used for adhesive-only bonding of any structural component unless specifically recommended by the vehicle manufacturer. Structural panels must be replaced in strict compliance with vehicle manufacturer guidelines. If in doubt as to what is a structural component or the proper installation method, contact the vehicle manufacturer. Further, any Fusor products used in marine composite repair, such as with personal water craft and the like, shall be limited to repairs above the water line.

Durability Performance*

| | |
|----------------------|---|
| Compressive Strength | 170 psi (1.2 MPa) |
| Density | 5.5-6.5 lb/ft ³ (88.1-104.1 kg.m ³) |
| Moisture Absorption | <10 % |

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If you have any questions or need to receive proper use instructions, contact the Parker LORD Customer Support Center at +1 800 234 Fusor (3876) or visit Fusor.com.

To comply with the requirements of the Fusor Repair Products Lifetime Guarantee, attach a copy of this completed page to the repair record, and retain with your files:

Vehicle Make/Model: _____

Vehicle Identification Number: _____

Fusor Product(s) Used for Repair: _____

Lot Number(s) on Cartridge(s) Used for Repair: _____

**This guarantee is void if product is used after the date printed on the cartridge label. Parker LORD Terms and Conditions of Sale shall apply to all sales of Fusor products.*



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Instructions contained in this document need to be followed to qualify for the LORD Fusor Lifetime Guarantee. Values stated in this technical data sheet represent typical values as not all tests are run on each lot of material produced. For formalized product specifications for specific product end uses, contact the Customer Support Center.

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The user, through its own analysis and testing, is solely responsible for making the final selection of the system and components and assuring that all performance, endurance, maintenance, safety and warning requirements of the application are met. The user must analyze all aspects of the application, follow applicable industry standards, and follow the information concerning the product in the current product catalog and in any other materials provided from Parker or its subsidiaries or authorized distributors.

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