

## Product Technical Manual

Revision Date: 2025-03-15

TDS Number: WHS\_001

Product Name: Polyurethane Rigid Foam Spraying Composite Material for Bus Interior

Version: V 3.1

### **Product Introduction**

Polyurethane Rigid Foam Spraying Composite Material for Bus Interior is primarily used to produce reinforced structural components such as automotive dashboard assemblies, bumpers, rear window trim panels, door panels, and spare tire covers.

### **Performance Characteristics**

1. Low material viscosity, easy to mix with long glass fibers and good wetting ability
2. Long cream time that meets the mixing and pouring requirements for large-sized products
3. Rapid demolding that ensures high production efficiency
4. Low product density and excellent heat resistance
5. Strong adhesion with surface decorative materials, enabling one-step integrated molding
6. Zero emissions during processing that replaces highly polluting fiberglass reinforced plastics (FRP).

### **Packing Details**

Component A: Net weight 200 kg/drum;

Component B: Net weight 250 kg/drum.

Mixing ratio: A:B = 100:180 (by weight).

### **Storage (Usage) Precautions**

This product shall be stored in a cool, well-ventilated, and dry warehouse, protected from rain, direct sunlight, open flames, and heat sources. The storage temperature

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must be maintained at 10–35 °C

The shelf life of this product is 6 months from the date of production when stored in unopened original packaging. If the product exceeds the shelf life, it can still be used after passing inspection according to the technical requirements specified in the product standards

This product does not contain organic solvents and can be transported as non-hazardous goods. During transportation, rain, direct sunlight, and high temperatures must be strictly avoided, and all operations must comply with regulations of the transportation authorities. Smoking and open flames are strictly prohibited in storage, transportation, and construction areas.

### **Expiration Date**

Under appropriate storage conditions, the storage period of the polyurethane rigid foam spraying composite material for coach interiors is 6 months. After exceeding 6 months, it can continue to be used after passing inspection.

For safety and environmental protection-related information, please refer to the Safety Data Sheet (SDS) of our product or contact our Customer Service Center.

**For more information, please refer to the Safety Data Sheet (SDS) of our products or contact our Customer Service Center.**

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The indicators and data provided in this document are based on our current level of technical knowledge and practical experience, and are for reference only. Specific guaranteed indicators are subject to the quality assurance certificate or supply contract. The user is responsible for testing the products purchased from our company to verify their suitability for their intended processes and applications, and to achieve the desired objectives. Further application and processing of our products are beyond our control. Therefore, our liability for the products provided is limited to the portion delivered by us and used by you. We do not assume responsibility for indirect losses incurred during the production process using our products as raw materials. Our technical support and customer service center are available to provide consultation and technical services related to our products. We welcome your inquiries and communication via mail or phone.

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