

# HULK RIGID MASTIC

## HIGH-STRENGTH, RIGID EPOXY ADHESIVE GEL



### PRODUCT DESCRIPTION

Hulk Rigid Mastic® is a high-performance, 100% solids, two-component epoxy gel specifically designed for rigid bonding and structural repair applications. This product offers exceptional compressive strength and adhesion, making it ideal for substrates that do not require flexibility. Hulk Rigid Mastic® is suitable for use in construction, industrial repairs, and heavy-duty applications where durability and stability are paramount.

### USES

Hulk Rigid Mastic® is suitable for a variety of rigid bonding and repair applications, including:

- **Structural Repairs:** Fills and seals cracks and voids in concrete, masonry, and other solid substrates.
- **Bonding Rigid Substrates:** Creates a strong, inflexible bond for materials such as steel, concrete, and wood.
- **Cold Joint Sealing:** Ensures a solid, durable connection between old and new concrete.
- **Heavy-Duty Tile Adhesion:** Bonds tiles to rigid substrates for long-lasting performance.
- **Industrial Repairs:** Suitable for restoring structural integrity in demanding environments.
- **Plumbing Repairs:** Provides a watertight seal for non-moving pipe and joint connections.

### CHARACTERISTICS / ADVANTAGES

- **100% Solids, Zero VOCs:** Environmentally friendly and safe for use in enclosed spaces.
- **Exceptional Adhesion:** Bonds strongly to a wide variety of rigid materials, including concrete and steel.
- **High Compressive Strength:** Provides superior performance under static loads.
- **Thermal and Chemical Resistance:** Withstands high temperatures and exposure to harsh chemicals.
- **Non-Flexible Formula:** Engineered for stable surfaces that require no movement.
- **Ease of Application:** Simple 1:1 mixing ratio for fast and efficient use.

### TECHNICAL DATA

PROPERTY	DETAILS
Appearance/Color	Gray gel (mixed)
Pot Life (Working Time)	20 minutes
Compressive Strength	13,800 psi
Mixed Weight	1.10 kg/L (9.2 lb./U.S. gal)
Coverage	2.2 m <sup>2</sup> /L (89 ft <sup>2</sup> /U.S. gal)
Shelf Life	24 months in original, unopened packaging
Storage Conditions	Store dry at 60–95 °F (16–35 °C)
Packaging	Component A: 1-gallon gel; Component B: 1-gallon clear liquid

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### APPLICATION INSTRUCTIONS

#### Surface Preparation

- **Concrete:** Ensure the surface is clean, dry, and free of dust, grease, and contaminants. Remove all curing compounds and mechanically abrade for optimal adhesion.
- **Metal:** Degrease and mechanically abrade to remove rust, paint, or coatings. Clean thoroughly to reveal a bright, clean surface.
- **Wood:** Sand to bare wood and ensure the surface is smooth and free of dust or debris.

#### Mixing And Application

1. Mix equal parts of Component A and Component B using a slow-speed drill until a uniform consistency is achieved.
2. Apply the adhesive directly to the prepared surface using a putty knife or trowel.
3. Spread evenly to ensure complete coverage of the substrate.
4. Allow at least 8 hours for curing before subjecting the area to stress or load.

#### Limitations

- Not suitable for substrates that experience movement or require flexibility.
- Avoid thinning the product, as it is designed for rigid applications.
- Ensure surfaces are dry and stable before application.

### CLEAN-UP

- Clean tools and equipment with a non-air-polluting solvent like xylene before the material cures.

### DISCLAIMER

Hulk Systems Inc. ensures the quality and performance of Hulk Rigid Mastic® when used according to guidelines. While the product is designed to deliver consistent results, outcomes may vary based on specific site conditions and application methods.

Liability is limited to the replacement of the product or a refund of the purchase price in the rare case of a defect. Hulk Systems Inc. excludes coverage for labor costs, consequential damages, or improper application. For optimal results, users should adhere to all preparation and application instructions provided.