



# Product Information

[www.miller-stephenson.com](http://www.miller-stephenson.com)

## MS-907 Plus EPOXY ADHESIVE SYSTEM

### Description:

MS-907 Plus is a multi-purpose epoxy bond and repair adhesive. It's specially formulated, non-sag property is ideal for bonding most materials, such as metal, glass, ceramics, plastics, wood, rubber, and concrete. MS-907 Plus is a two-part, equal volume, room temperature curing system. Fast set-up time. Perfect for in-plant and field use. It has an application temperature range between 40°F/4°C and 100°F/38°C.

### Advantages:

- Rapid initial 3-hour cure at room temperature
- Moisture insensitive system and may be used on damp surfaces
- Non-sag patching material for cracks
- Ideal for overhead and vertical repairs

### Ratio & Cure:

Part A (Resin) White, Part B (Hardener) Dark Gray

Mixed: Concrete Gray

Mix Ratio: 1:1 by volume

Gel Time (60 Gram Mass): 14 Minutes at 75°F/24°C

Tack Free Cure Time (30 mil Thin Film): 3 Hours at 75°F/24°C

Property	Cure Time	ASTM Standard	Units	Sample Conditioning Temperature 75°F/24°C
Peak Compression Strength	7 day	D695	psi MPa	6,120 42.2
Compression Modulus	7 day	D695	psi MPa	106,400 733.6
Bond Strength Hardened to Hardened Concrete	2 day	C882	psi MPa	1,230 8.5
	14 day		psi MPa	1,640 11.3
Bond Strength Plastic to Hardened Concrete	14 day	C882	psi MPa	900 6.2
Water Absorption	24 hours	D570	%	0.41
Linear Coefficient of Shrinkage	—	D2566	%	0.00015

For technical information call 800.992.2424 or 203.743.4447

For product sales: CT 800.442.3424, CA 800.771.8161, IL 800.447.4866, Canada 800.307.2199

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## Typical Cured Properties @ 77°F/25°C

Tensile Strength, psi (ASTM D 638).....	3045
Tensile Modulus, psi (ASTM D 638).....	308,000
Elongation at Break, % (ASTM D 638).....	2.4
<sup>1</sup> Service Temperature.....	approx. -20 to 140°F

## Directions

1. Clean surfaces to be bonded. Both surfaces must be clean, dry and free of oil, grease or wax. Roughen nonporous surfaces with sandpaper or emery paper for hard materials.
2. Mix equal parts by volume and mix thoroughly. When mixed properly, the adhesive is concrete gray with no streaks.
3. Cover entire area.
4. Join parts together firmly. Squeeze out excess adhesive to form a thin glue line. A larger area will require more pressure. Hold parts together with clamps, weight or tape.
5. Remove excess adhesive promptly before adhesive hardens. Scrape with a putty knife.

For best results, store between 40°F/4°C and 90°F/32°C

## Clean Up

Always wear appropriate protective equipment such as safety glasses and gloves. Clean uncured material with a mild solvent. Cured materials can only be removed mechanically.

**Safety Data Sheet (SDS) is available upon request.**

<sup>1</sup>The product is expected to remain stable for short term exposure to -40°F in minor repairs not including anchoring. Substrate preparation should include undercutting the perimeter. The substrate must be dry, contaminate-free. Remove any dust or loose debris prior to applying the epoxy repair. Place representative test patches or mock-up to ensure suitability.

The recommendation made here with and the information set forth with respect to the performance or use of our products are believed, but not warranted to be accurate. The products discussed are sold without warranty, as to fitness or performance, express or implied and upon condition that purchasers shall make their own test to determine suitability of such products for their particular purposes. Likewise, statements concerning the possible uses of our products are not intended as recommendations to use our products in the infringement of any patent.

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