



TECHNICAL DATA SHEET

**INFRASTRUCTURE
REPAIR SYSTEMS, INC.**

Chim-Coat EM 147 A/B Medium

**4301 A 34th St. N.
St. Petersburg, FL 33714
Phone: (727) 327-4216**

DESCRIPTION:

Infrastructure Repair Systems Inc. Chim-Coat is a high quality 100 % solids flexible epoxy mastic system specifically designed for the demanding task of coating the sewer chimney area and the adjusting ring. The flexible nature of this system allows for the seasonal expansion and contraction between the metal to brick interface here and the associated road vibrations.

The material itself features a highly thixotropic paste like consistency which mixes easily but hangs well in thick sections on both vertical and overhead surfaces. The material is supplied in a convenient and easy to use 1 to 1 by Volume ratio which must be mixed well prior to use.

The material cures to a tough, flexible, blush free, gray coating, with good physical properties such as water chemical and solvent resistance, and high adhesive strength

As with all Adhesive compounds proper surface preparation is essential for good bond strength and satisfactory results, proper surface preparation techniques may include degreasers, steam, pressure, or solvent washes, sand blasting, grinding, the use of Biocides and Priming with our Aqueous Primer Sealer or equivalent product

	Base Resin Side	Activator Side
Appearance:	White Paste	Dark Gray Paste
Weight Per Gallon:	9 (+/- .1) lb/gal	8.6 (+/- .1) lb/gal
Mix Ratio by Volume	1 Parts A to 1 Part B by volume (100 A to 95 B by weigh)	
Gel Time	4 to 6 hour in a 1/2 pound mass / Full Cure in 24 to 48 Hours	
Hardness	40 to 50 Shore D	
Temperature	Use Range (-40 to 150 F)*	
Tensile Lap Shear	Generally > 2600 psi (.5 inch overlap on etched Aluminum) *	
Elongation	10 to 25 % *	
Shelf Life	1 Year guarantee for all products	

(*) denotes data extrapolated from known sources. All Gel and Cure times are taken at Room Temperature (77 F) and will be extended at lower temperatures, Cure time represents full cure but material may be well set to the touch in a much shorter time

This material is for professional use only, using adequate ventilation and protection from eye and skin exposure. Any information supplied with this material is given in good faith but should be verified by the end user, as is the suitability of the material for their application. The warranty of this material shall be limited to the replacement of defective material.

The Technology Leader in Infrastructure Repair