

DESCRIPTION

FIRMmarker is an AASHTO M237 certified two part epoxy standard set adhesive system. It was specifically designed for the bonding of traffic markers and indicators, as well as, safety posts. FIRMmarker is also excellent for bonding wood to concrete and concrete to concrete.

PRODUCT BENEFITS

- AASHTO M237 Certified
- Excellent Bonding
- Meets WSDOT spec 9-26.2
- Convenient packaging

PHYSICAL PROPERTIES

Volume Solids:	100%
Weight Solids:	100%
Weight/Gallon:	11.97 lbs/gal
Viscosity (cP) Helipath TV @ 77°F:	Part A and B 100,000-300,000
Color: Part A	White
Color: Part B	Black
Coverage: 4" Round	200 buttons/ gallon
Coverage: 4" Square	150 buttons/ gallon
Pot Life: 1 lb Batch @ 70F	7-10 minutes

TEST RESULTS

Compressive Strength (psi): 2 in cubes, 3 day cure	>300
Arizona Dry Bond Test 706.05	7 days - Passed
Arizona Wet Bond Test 706.05	74 hours - Passed

18M900 CARTRIDGES

FIRMmarker cartridges fit in a steel caulking gun (Part# 2TFIRMLINE20) that applies parts A and B at a ratio of 1:1 for a total of 20 oz. or 600 ml. There is a quick release mixing applicator that dispenses and mixes exactly what you need for the application. Unused product can be stored for future use.

BULK MIX AND CURE

Mix Ratio: Part A: 18M100 White Part B: 212K200 Black	1: 1
Cure Characteristics: Based on 40 mm film	Firm set @ 70°F = 2 hrs Firm set @ 50°F = 4 hrs Hard set @ 70°F = 4 hrs Full Cure Time @ 70°F = 24 hours
Recommended Application Temperature:	32°F - 105°F
Recommended Bond Temperature:	-20°F - 160°F

CLEANUP

Uncured epoxy may be cleaned off of tools with Methyl Ethyl Ketone (MEK), Toluene, or solvent blends.

Caution: *These solvents may damage plastics.*

SAFETY

This product contains no Volatile Organic Compounds (VOC). See Material Safety Data Sheet (MSDS) for more safety information

READ MATERIAL SAFETY DATA SHEETS BEFORE USING THIS PRODUCT.

LIMITATIONS

The technical data and suggestions for use in this product data sheet are currently correct to the best of our knowledge, but are subject to change without notice. Because application and conditions vary, and are beyond our control, we are not responsible for results obtained in using this product, even when used as suggested. The user should conduct tests to determine the suitability of the product for the intended use under then existing conditions. Our liability for breach of warranty, strict liability in tort, negligence or otherwise is limited exclusively to replacement of the product or refund of its price. Under no circumstances are we liable for incidental and consequential damages. 09/16/2015 BJW/JT/HB