

## TECHNICAL DATA SHEET FOR PROFESSIONAL CONTRACT USE ONLY

### DESCRIPTION

TrafficGuard HM is a single component Hybrid Marking product designed to deliver high performance pavement markings for all roads under all conditions. TrafficGuard HM provides a combination of strong surface adhesion and reflective media retention built to create long lasting pavement markings for safe travel.

### FEATURES

- Installation ready and contractor friendly through a one-part delivery system.
- All-purpose durable pavement marking designed for equipment convenience and traffic safety.
- Quick to dry under a wide temperature range for longer striping seasons.
- Strong bond strength to road surfaces and excellent retention of reflective media for long lasting reflective lines.
- UV and weather resistant properties providing a color stable line under extreme temperature changes.
- High abrasion and chemical resistance through combination of hardness and elongation properties.
- Technical Service and personal respect from industry professionals.

### USES

Concrete and asphalt roadways, work zones, bridge decks, parking structures, parking lots, and airports.

### SURFACE PREPARATION

The surface must be free of curing compounds/sealers, oil, grease, and all debris. Existing pavement markings shall be removed as specified by state DOT with manufacturer's recommendation.

TrafficGuard HM may be installed directly over temporary/interim waterborne paint at 12 mils or less on asphalt roadways. Installation without eradication over markings on concrete surfaces is not recommended. Consultation with ChemCo Systems is always recommended for first time installations.

### EQUIPMENT

Shall be reviewed and approved by ChemoCo Systems representative prior to first time-installation.

### PACKAGING & COLORS

- Standard package sizes of 5-gallon pails, 50-gallon drums, 250-gallon totes.
- Color is White and Yellow (Customs colors available upon request).



### STORAGE AND SHELF LIFE

12 months in factory delivered unopened containers. Avoid extreme heat, cold, and moisture. Maintain at a proper storage temperature of 60°F - 80°F (16 -27°C).

### TECHNICAL DATA

PHYSICAL PROPERTIES	TEST METHOD	VALUE
Mix Ratio		single component
Elongation	ASTM D638	>20%
Track Free	ASTM D711, with glass beads	15-20 mils - 2 minutes 20-30 mils - 3 minutes
Adhesion	ASTM D7234 4000 psi concrete	>600 psi 100% concrete failure
Hardness	ASTM D2240	>30 Shore D

### ACCELERATED WEATHERING

ASTM G154, Cycle 1-72 hours:

Yellow Index (ASTM E313)

White Initial - 3.39 After Exposure - 4.38

Directional Reflectance (ASTM E1349)

White Initial - 95.06%, After Exposure - 95.01%

Yellow Initial - 79.18%, After Exposure - 78.86%

### COVERAGE: PER GALLON

Line Width	20 mils	25 mils
4"	240 LF	194 LF
6"	160 LF	130 LF
8"	120 LF	98 LF



**Limited Warranty:** Please read all information in the General Guidelines, Technical Data Sheets, Guide Specifications and Safety Data Sheets (SDS) before applying material. These products are for professional use only and to be applied by professionals who have prior experience and training with the use and application of our materials, and who are fully aware of all Federal, State and local rules, regulations, and code requirements for storage, transportation, handling, installation, and application. Published technical data and instructions are subject to change without notice. Contact your local representative or visit our website for current technical data, SDS, instructions, and project specific recommendations. We warrant our products to be free of manufacturing defects and that they will meet our current published physical properties within the shelf life of products.

Our sole responsibility shall be to replace that portion of the product which proves to be defective. There are no other warranties of any nature whatsoever expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. We will not be liable for damages of any sort, including remote or consequential or punitive damages resulting from any claimed breach of any warranty whether expressed or implied. We will also not be responsible for use of this product in a manner to infringe on any patent held by others. No warranty or guarantee is being issued with respect to appearance, color, fading, chalking, staining, shrinkage, adhesion, peeling, normal wear and tear or improper application by the applicator. Damage caused by abuse, neglect and lack of proper maintenance, acts of nature and/or physical movement of the substrate or structural defects are also excluded from the limited warranty. We reserve the right to conduct performance tests on any material claimed to be defective prior to any repairs by owner, general contractor, or applicator. Your sole and exclusive remedy against us shall be limited to the paid cost of the materials sufficient to replace any affected areas where product failure has occurred. The cost of replacement materials shall, in no event, exceed the value of the original purchase price of the products, subject to equitable reductions for time of use.

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