

TrafficGuard™ PM

POLYUREA PAVEMENT MARKING



TECHNICAL DATA SHEET FOR PROFESSIONAL CONTRACTOR USE ONLY

DESCRIPTION

TrafficGuard PM is a 2:1 polyurea designed to deliver high performance pavement markings on both asphalt and concrete roadways. TrafficGuard PM provides an extended gel time for securing reflective media while delivering a track-free line in under 2 minutes, eliminating lane closures and coning, creating a safer work zone for drivers and contractors.

FEATURES

- **Equipment Friendly** low viscosity formula for a predictable flow and even mix that delivers fast drying crisp lines.
- **Quick Return** to traffic time with a track free of under 2 minutes allowing for moving operations and no line pick up of freshly installed markings.
- **High Build** capability of up to 60 mils without affecting dry times or physical properties.
- **UV resistant** and color stable in extreme heat and sunlight.
- **Versatile performance properties** that provide exterior line toughness and surface movement that resists seasonal freeze/thaw cycles.
- **Protects roads** with 100% solids chemistry that resists shrinkage and pavement surface cracking.
- **Technical Service** and personal respect from industry professionals.

USES

- Concrete and Asphalt Roadways and Bridge Decks
- Center and edge line markings
- Symbols, arrows, legends and crosswalks

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 PM 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

PACKAGING & COLORS

- **Side A - 2 Part Amine/Pigment**
- **Side B - 1 Part Isocyanate**
- Standard package sizes of 5-gallon pails, 50-gallon drums, 250-gallon totes.
- Color is White and Yellow (Customs colors available upon request).

TECHNICAL DATA

PHYSICAL PROPERTIES	TEST METHOD	VALUE
Solids Content, Percent Solids		100%
Mix Ratio, By Volume		2A:1B
Elongation	ASTM D638	> 40%
Hardness, Shore D	ASTM 2240	> 80
Track Free	ASTM D711	< 2 minutes
Adhesion to Concrete	ASTM 7234	> 700 psi
Tensile Strength	ASTM D638	> 3500
Abrasion Resistance	ASTM D4060	< 60 mg. loss

COVERAGE: PER GALLON

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

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°C - 27°C).





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 preferably applied by professionals who have prior experience with ChemCo Systems materials or have undergone training in application of ChemCo Systems materials. Published technical data and instructions are subject to change without notice. Contact your local ChemCo Systems representative or visit our website for current technical data, instructions, and project specific recommendations.

ChemCo Systems warrants its products to be free of manufacturing defects and that they will meet ChemCo Systems' current published physical properties. Seller's and manufacturer's sole responsibility shall be to replace that portion of the product which proves to be defective. There are no other warranties by ChemCo Systems of any nature whatsoever expressed or implied, including any warranty of merchantability or fitness for a particular purpose in connection with this product. ChemCo Systems shall not be liable for damages of any sort, including remote or consequential damages resulting from any claimed breach of any warranty whether expressed or implied. ChemCo Systems shall not be responsible for use of this product in a manner to infringe on any patent held by others. In addition, no warranty or guarantee is being issued with respect to appearance, color, fading, chalking, staining, shrinkage, 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. ChemCo Systems reserves the right to conduct performance tests on any material claimed to be defective prior to any repairs by owner, general contractor, or applicator.

Disclaimer: All guidelines, recommendations, statements, and technical data contained herein are based on information and tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as a warranty, either expressed or implied. It is the user's responsibility to satisfy himself, by his own information and test, to determine suitability of the product for his own intended use, application and job situation and user assumes all risk and liability resulting from his use of the product. We do not suggest or guarantee that any hazard listed herein are the only ones which may exist. Neither seller nor manufacturer shall be liable to the buyer or any third person for any injury, loss or damage directly or indirectly resulting from use of, or inability to use, the product. Recommendations or statements, whether in writing or oral, other than those contained herein shall not be binding upon the manufacturer, unless in writing and signed by a corporate officer of the manufacturer. Technical and application information is provided for the purpose of establishing a general profile of the material and proper application procedures. Test performance results were obtained in a controlled environment and ChemCo Systems makes no claim that these tests or any other tests accurately represent all environments. ChemCo Systems is not responsible for typographical errors. © 2022 ChemCo Systems. All rights reserved. Revision 20221010.EA