

# Technical Data



## Tru-Motion™ F6007/P1007

### SOLVENT-FREE WATER BASE URETHANE TOPCOAT SYSTEM FOR REPAIR AND REFINISHING OF POUR-IN-PLACE AND TILE RUBBER SAFETY SURFACES

Tru-Motion™ F6007/P1007 is a semi-gloss, two component colored water base aliphatic polyurethane topcoat for repair and refinishing of weathered pour-in-place and tile rubber safety surfaces. It is designed to provide a long wearing surface with excellent resistance to marring, abrasion, and discoloration. Tru-Motion™ F6007/P1007 contains less than 200 g/l VOC (Volatile Organic Compounds) It has a flash point greater than 350°F and is not classified as a flammable material for purposes of transportation or storage.

Tru-Motion™ F6007/P1007 system is a mercury, lead, and heavy metal free, 100% water-based coating providing substantial improvements in application environment and safety during use. Tru-Motion™ F6007/P1007 can be applied using conventional airless spray or roller applicators.

#### TYPICAL COMPONENT PROPERTIES:

	<b>F6007 Base</b>	<b>P1007 Catalyst</b>
Brookfield Viscosity @78°F, 20 rpm	3500 ± 150 cps	200 ± 50 cps
Wt/Gal (lbs)	9.6 ± 0.6	8.9 ± 0.5
Color	As requested	Clear

#### TYPICAL PROCESSING DATA:

Mix Ratio (% by wt.)	98.5	1.5
Mixed Application Life	2-4 hrs	
Coverage	200-300 sq.ft./gal.	



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## PHYSICAL PROPERTIES OF CURED FILMS:

Tensile Strength (ASTM D412, psi)	3,000-4,000 psi
Elongation (ASTM D412, %)	450-550%

## APPLICATION INSTRUCTIONS:

Tru-Motion™ F6007/P1007 is designed for application over existing weathered or worn pour-in-place and tile rubber safety surfaces. It is highly pigmented, typically providing one-coat coverage of existing deteriorated rubber surfacing. It is available in a range of typical safety surface colors (and custom colors on request) Tru-Motion™ F6007/P1007 can be applied with conventional spray, brush, or roller techniques.

Step 1. Clean existing surface to remove all dirt and debris. Apply a test patch of Tru-Motion™ F6007/P1007 to determine compatibility with the existing surface.

Step 2. Patch any areas where existing surface has been removed using Tru-Motion™ Polyurethane repair binder mixed with rubber granule.

Step 3. Allow 24-48 hours to cure patched areas before beginning F6007 application.

Step 4. Be sure all application equipment is clean and solvent free.

Step 5. Mix the P1007 into the F6007 base using an electric mixer or an air mixer with a blade size suitable for the container being used. Mix only enough material for use within 4-8 hours.

Step 6. Apply one uniform coat at an application rate of 200-300 sq. ft./gal.

Step 7. After use, clean all equipment thoroughly with water. This material is extremely difficult to remove once thoroughly dried.

Step 8. Allow coating to cure and dry for 2-4 hrs. Minimum application temperature is 50°F. Do not apply if precipitation is expected within 48 hrs.

Step 9. Restrict traffic for 3-5 days.



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## STANDARD COLORS:

F6007-10 Iron Oxide Red

F6007-20 Tile Green

F6007-30 Golden Yellow

F6007-40 Medium Blue

F6007-70 White

F6007-81 Light Gray

## SAFETY AND HANDLING:

Consult SDS before handling and observe all recommended safety, handling, and disposal recommendations. Use only with adequate ventilation and with proper safety equipment.

## PACKAGING AND STORAGE:

Tru-Motion™ F6007/P1007 is available in pre-packaged one and five gallon kits, drums, and IBCs.

Tru-Motion™ F6007/P1007 may freeze at temperatures below 40° F. Protect contents from freezing. Ship and store at temperatures above 40° F. at all times. Storage life of factory sealed containers is 12 months.



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