

TRU-MOTION F6040

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

Tru-Motion F6040 is a semi-gloss, one-component translucent 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 F6040 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 F6040 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 F6040 can be applied using conventional airless spray or roller applicators.

TYPICAL PROPERTIES AND CHARACTERISTICS

Tru-Motion F6040	
Brookfield Viscosity @ 78° F, 20 rpm	3,500 ± 150 cps
Wt/Gal (lbs)	9.6 ± 0.6
Color	As requested
PROCESSING DATA	
Mix Ratio (% by wt.)	98.5
Mixed Application Life	2-4 hrs
Coverage	200-300 sq.ft./gal
CURED PROPERTIES	
Tensile Strength (ASTM D 412, psi)	3,000-4,000 psi
Elongation (ASTM D 412, %)	450-550%

Application Instructions:

Tru-Motion F6040 is designed for application over existing weathered or worn pour-in-place and tile rubber safety surfaces. It is designed to provide one-coat coverage of existing deteriorated rubber surfacing. Tru-Motion F6040 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 F6040 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 to 48 hours to cure patched areas before beginning F6040 application.

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

Step 5. Apply one uniform coat at an application rate of 200-300 sq.ft./gal.

Step 6. After use, clean all equipment thoroughly with water. This material is extremely difficult to remove once thoroughly dried.

Step 7. Allow coating to cure and dry for 2 to 4 hours. Minimum application temperature is 50° F. Do not apply if precipitation is expected within 48 hours.

Step 8. Restrict traffic for 3 to 5 days.

NOTE: While Tru-Motion F6040 is supplied as a one-component product, it offers excellent physical properties and adhesion, these can be increased with the use of P1007 cross linker. Use of P1007 can reduce elongation and pot life and should be evaluated on a small scale prior to field application. For additional information, contact your Technical Sales Representative.

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

Tru-Motion F6040 is available in pre-packaged one and five-gallon kits, drums and IBCs.

Storage

Tru-Motion F6040 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.