

## TRU-MOTION

### IMPERMEABLE SANDWICH SYSTEM TRACK

**Tru-Motion Impermeable Sandwich System Track is comprised of three layers:**

#### Base Mat

Tru-Motion H3313, Tru-Motion H3374, or Tru-Motion H3020 and 1-4 mm SBR crumb.

Tru-Motion H3313, Tru-Motion H3374, and Tru-Motion H3020 are 100% solids, moisture cure polyurethane binders for use in the construction of bonded rubber granule running tracks and similar athletic surfaces. They are designed to have optimized handling characteristics for track installation combined with high physical properties.

Tru-Motion H3313 is a TDI/MDI combination binder, carefully controlled for TDI content during manufacturing to minimize regulatory and construction site safety hazards associated with the use of TDI containing systems.

Tru-Motion H3374 is a TDI/MDI combination binder, specifically formulated to cure slower than Tru-Motion H3313. It is recommended for use in very hot and high humidity conditions.

Tru-Motion H3020 is a TDI free binder for use in the construction of bonded rubber granule running tracks and similar athletic surfaces. Being TDI free, use of Tru-Motion H3020 eliminates the regulatory and construction site safety hazards associated with the use of TDI containing systems. Tru-Motion H3020 is recommended for use in cold and low humidity conditions.

TRU-MOTION H3313 AND TRU-MOTION H3374 CONTAIN TDI AND ARE FOR INDUSTRIAL OR COMMERCIAL USE ONLY. NOT FOR USE BY CONSUMERS OR SALE OR RESALE TO CONSUMERS.

#### Seal Coat

Tru-Motion S9326/H9417 is a thixotropic two-component polyurethane sealer. It is designed to seal surface porosity of rubber mats, and even up the seams, prior to the application of the polyurethane wear coatings. It is TDI, mercury, and heavy metal free, eliminating the regulatory problems and construction site hazards associated with products containing these materials.

#### Two-Component Full Pour Polyurethane with embedded EPDM broadcast texture

Tru-Motion S9431/H9748 is a self-leveling two-component polyurethane elastomeric compound. It is designed to be applied over resilient rubber substrates sealed with Tru-Motion thixotropic polyurethane sealant or as a full depth elastomer. It is TDI, mercury, and heavy metal free, eliminating the regulatory problems and construction site hazards associated with products containing these materials.

#### SYSTEM APPLICATION DATA

	Products	Typical Consumption	Application
Base Mat	H3313/H3374/ H3020	3.75 lb./yd <sup>2</sup> (2.03 kg/m <sup>2</sup> )	Paver
	Recycled Rubber Granules, 1 – 4mm	15.0 lb./yd <sup>2</sup> (8.13 kg/m <sup>2</sup> )	
Pore Sealer	S9326	1.60 lb./yd <sup>2</sup> (0.88 kg/m <sup>2</sup> )	Squeegee (or paver)
	H9417	1.60 lb./yd <sup>2</sup> (0.88 kg/m <sup>2</sup> )	
Coating	S9431	4.29 lb./yd <sup>2</sup> (2.33 kg/m <sup>2</sup> )	Notched Squeegee
	H9748	1.26 lb./yd <sup>2</sup> (0.68 kg/m <sup>2</sup> )	
	EPDM Granules, 1 – 4mm	7.74 lb./yd <sup>2</sup> (4.19 kg/m <sup>2</sup> )	Broadcast

## TYPICAL PROPERTIES AND CHARACTERISTICS

### PHYSICAL PROPERTIES OF CURED FILMS

Tensile Strength (ASTM D 412)	2,000+/-200 psi
Elongation (ASTM D 412)	424+/-40%

## PROCESSING

Tru-Motion S9006/H3168 is best applied using specialized spray equipment developed for track installation. Other types of spray equipment used for stucco or insulation spraying may also be suitable. However, equipment manufacturers should be consulted for suitability and the equipment tested before installation is attempted.

Mix containers of Tru-Motion S9006 thoroughly before use, be sure to dispense any settling that might have occurred during storage.

### PROCESSING DATA

Mix Ratio	(by weight)
Tru-Motion S9006 Base	12
Tru-Motion H3168 Binder	48
0.5-1.5 mm EPDM Granule	40

NOTE: Tru-Motion S9006/H3168 is supplied ready for application using most spray equipment. However, some equipment or applications may require viscosity reduction of the final mixture. Suitable thinners such as XYLENE or Aromatic 100 may be used to adjust application viscosity in the field and for cleaning of equipment.

Charge components into mixing tank of spray unit or other mechanical mixer. Mix thoroughly for 5 minutes until EPDM particles are thoroughly coated.

Apply to surface with suitable spray equipment in two uniform coats at a typical application rate of 1.60 lb/yd<sup>2</sup> (0.87 kg/m<sup>2</sup>) per coat to achieve a final coating weight of 3.20 lb/yd<sup>2</sup> (1.73 kg/m<sup>2</sup>).

Allow 12 to 24 hours cure time (depending on humidity and temperature) before applying lines and markings. Use only approved urethane line and marking paints.

## SAFETY AND HANDLING

- Consult SDS before handling and observe all recommended safety and handling practices.
- Wear proper protective equipment at all times.
- In the event of skin contact, wash exposed areas thoroughly with soap and water.
- In the event of eye contact, flush eyes thoroughly with water and seek medical attention.
- Dispose of contaminated materials and empty containers in accordance with Federal, State and Local regulations.

## COLORS

Tru-Motion S9006 is available in four standard colors:

S9006-10 Brick Red

S9006-20 Chrome Green

S9006-40 Blue

S9006-80 Black

Special color matches are also available upon request.

## PACKAGING

Tru-Motion S9006 color base is available in 5-gallon pails and 55-gallon OH drums.

## STORAGE

Tru-Motion S9006 should be stored in cool, dry surroundings.

Avoid prolonged storage at temperatures over 90° F or below 50° F. Under conditions of proper storage, the storage life of factory sealed containers is 6 months.