

Technical Data



Tru-Motion™ H3545 Structural Spray Coating System

Tru-Motion™ H3545 Structural Spray Coating is a one component, high solids, mercury, heavy metal, and TDI free structural spray system for running tracks and similar athletic surfacing applications. It has a flash point greater than 220°F and is not classified as a flammable material for purposes of transportation or storage.

PHYSICAL CHARACTERISTICS OF H3545 PIGMENTED COATING:

Available Colors:

H3545-10	Red
H3545-20	Green
H3545-40*	Blue
H3545-80	Black
H3545-__*	Custom

Appearance:	Medium viscosity colored fluid
Density:	9.2-10.0 lbs./gal.(depending on color)
% Solids:	>90%
Flash Pt. TCC:	>220°F

*H3545-40 Blue and similar pastel colors may show objectionable early yellowing and discoloration unless over-coated with a suitable color stable aliphatic topcoat. Please consult us for specific recommendations.

PHYSICAL PROPERTIES OF CURED FILMS:

Tensile Strength (ASTM D412):	2,200+/-200 psi
Elongation at Break (ASTM D412):	500+/-40%



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PROCESSING:

Tru-Motion™ H3545 is best applied using specialized spray equipment developed for track installation. Equipment should be tested for suitability before installation is initiated. Tru-Motion™ H3545 is TDI free, however it does contain MDI isocyanates. Consult SDS for safe handling and personal protection information before using.

1. Mix all containers of Tru-Motion™ H3545 thoroughly before use. Be sure to disperse any sedimentation that might have occurred during storage.
2. Mix ratio:

H3545 Pigmented Coating	60%
0.5-1.5 mm EPDM Granule	40%

Note: Tru-Motion™ H3545 is supplied ready for application using most spray equipment. However, some equipment or applications may require viscosity reduction of the final mixture. Consult us for specific recommendations.

3. Mix components thoroughly
4. Apply to surface with suitable equipment in two uniform coats at a typical application rate 1.8 lb/yd² (0.98 kg/m²) to achieve a final coating weight of 3.6 lb/yd² (1.95 kg/m²)
5. Allow 12-24 hours cure time (depending on humidity and temperature) before applying lines and markings.

SAFETY AND HANDLING:

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

PACKAGING AND STORAGE:

Tru-Motion™ H3545 Structural Spray is available in 5 gallon pails, 55 gallon OH drums, and 240 gallon totes. Avoid prolonged storage at temperatures over 90 ° F. or below 50 ° F. Under conditions of proper storage, storage life of the product in factory sealed containers is 12 months.



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