

TRU-MOTION H3020

TDI FREE MDI TRACK BINDER

Tru-Motion H3020 is a 100% solids, TDI free, moisture cure polyurethane binder for use in the construction of bonded rubber granule running tracks and similar athletic surfaces. Tru-Motion H3020 is TDI free, eliminating the regulatory and construction site safety hazards associated with the use of TDI containing systems. It is designed to have optimized handling characteristics for track installation, physical properties, and cure similar to that of conventional TDI containing products.

TYPICAL PROPERTIES AND CHARACTERISTICS

H3020

PHYSICAL CHARACTERISTICS

Appearance	Water clear viscous fluid
Density	8.8 – 9.2 lbs./Gal.
Viscosity	2,200 – 2,500 cps
% Free NCO	9.5 – 10.5 %
% Solids by Wt.	>99%

PHYSICAL PROPERTIES OF CURED FILMS

Tensile Strength (ASTM D412)	4,300+/-400 psi
Elongation (ASTM D412)	465+/-40%
Die C Tear (ASTM D624)	260+/-26 pli

PROCESSING

Tru-Motion H3020 MDI track binder is designed for application using conventional track installation equipment. Tru-Motion H3020 MDI track binder cures by reaction with atmospheric moisture. Cure rate is accelerated by high humidity and temperatures and retarded by low humidity and temperatures. Under extreme conditions of low humidity and temperature, water misting or catalyst addition may be required. Contact us for specific recommendations.

SAFETY AND HANDLING

Consult SDS before handling and observe all recommended safety, handling and disposal recommendations.

PACKAGING

Tru-Motion H3020 is available in 5-gallon pails, 55-gallon drums and 250-gallon totes.

STORAGE

Protect from moisture. 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 12 months.