

# Technical Data



## Tru-Motion™ H3727 Aromatic Type Moisture Cure Binder

Tru-Motion™ H3727 is a slow reacting binder. It is designed for installation at high temperatures and high humidity.

Tru-Motion™ H3727 is a 100% solids, TDI free, moisture cure polyurethane binder for use in the construction of bonded rubber granule type athletic and safety surfaces.

Tru-Motion™ H3727 is TDI (Toluene Diisocyanate) free, eliminating the regulatory and construction site safety hazards associated with TDI containing systems.

### TYPICAL PHYSICAL PROPERTIES:

Appearance:	Light Amber
Density (lbs./gal)	9.0
Viscosity @ 78°F 20 rpm:	4500 cps
%NCO:	8.6%
Tensile (psi)	>3000
Elongation (%)	>350
Die C Tear (pli)	>300

### PROCESSING:

Under normal conditions of installation Tru-Motion™ H3727 provides excellent working life while achieving sufficient cure for secondary processing within normal construction cycles.

Tru-Motion™ H3727 is designed to cure by reaction with atmospheric moisture. Cure rate is accelerated by high humidity and temperatures and retarded by low humidity and low temperatures.

Consult your Accella representative for specific installation guidelines.

### CAUTION:

Tru-Motion™ H3727 is a pure Aromatic binder and is subject to early yellowing when exposed to sunlight. Colored EPDM granule mixtures with Tru-Motion™ H3727 should be evaluated for color change before installation. Certain shades of blue, purple, white, and gray may show objectionable color change immediately after installation. However, under normal conditions the surface will weather to an acceptable color after 30-60 days. Surfaces requiring minimum color change should be installed using Tru-Motion™ H3168 Aliphatic binder. Tru-Motion™ H3727 contains Methylene Diphenyl Diisocyanate (Aromatic). Protect opened containers from moisture. Consult the SDS for proper handling precautions.



[www.accellapolyurethane.com](http://www.accellapolyurethane.com)  
2500 Adie Road, Maryland Heights, MO 63043  
Phone: (314) 872-8700 | Fax: (314) 872-8750