

THE PLAY SERIES

Technical Data



Tru-Motion™ H3712 DC Aromatic Type Moisture Cure Binder

Tru-Motion™ H3712 DC is the fastest reacting Aromatic binder in the Tru-Motion™ H3712 series. It is designed for installation at lower temperatures and humidity.

Tru-Motion™ H3712 DC 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™ H3712 DC 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)	9.19
Viscosity @ 78°F 20 rpm:	3600 cps
%NCO:	10.5%
Tensile (psi)	>3000
Elongation (%)	>350
Die C Tear (pli)	>300

PROCESSING:

Under normal conditions of installation Tru-Motion™ H3712 DC provides excellent working life while achieving sufficient cure for secondary processing within normal construction cycles.

Tru-Motion™ H3712 DC 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™ H3712 DC is a pure Aromatic binder and is subject to early yellowing when exposed to sunlight. Colored EPDM granule mixtures with Tru-Motion™ H3712 DC 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™ H3712 DC contains Methylene Diphenyl Diisocyanate (Aromatic). Protect opened containers from moisture. Consult the SDS for proper handling precautions.



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