



Specification Division 32 Section 32-18-16 32-18-23 32-12-43

1. 01 SYSTEM

SPORT MAT 100 Trail Surface System

A 1.02 DESCRIPTION

Sport Mat 100 is a porous cast-in-place synthetic surface comprised of polyurethane bound rubber granules.

B. MATERIALS

Primer

Polyurethane-based primers especially formulated to be compatible with base and sport surfacing materials.

Rubber

Propriety blend of rubber granules bound with a single component urethane.

Binder

MDI-based, single component, polyurethane binding agent formulated for compatibility with stranded or rubber crumb.

C. EXECUTION

Sub-base Crushed concrete, crushed asphalt, crushed marble or #57 stone.

Curing

Concrete/asphalt should be allowed to cure for 7 days.

Cleaning

The area to be surfaced shall be clean and free of any loose or foreign particles using a power blower and/or pressure washer.

Priming

The primer shall be roll-applied at a rate of .28 lbs/SY. Only those areas that can be installed the same day should be primed.

Composition of Mix shall be as follows:

- Formulated Rubber Granule Mix per CSP proprietary blend
- MDI Binder



CHILD SAFE PRODUCTS INC

Surface Installation

Blend rubber and binding agent in a suitable mixer and spread and trowel blended materials onto the concrete/asphalt or compacted aggregate base to a minimum depth of 2 inches.

D. PERFORMANCE STANDARDS

Physical Properties

Colors:	Black
Thickness:	2" or as specified by architect/engineer or owner
Density:	.78
ASTM D-1984 Coefficient of Friction:	Dry: 1.00 Wet: 0.95
ASTM D-2632 Resilience:	30 %
ASTM D-624 Tear Resistance:	240 PSI
ASTM F 1951 Wheel Chair Mobility	Pass
ASTM F 1292 Impact Attenuation	< 3 FT
ASTM D 2859 Flammability	Pass
Water Permeability	0.5 gal/sq yd/second

E. CONTRACTOR QUALIFICATIONS

Contractors substituting and other acceptable manufacturers must provide documentation for their products 10 days prior to the bid opening

F. INSTALLER

Sport Mat shall be installed only by factory certified full-time employees.

G. Sport Mat is warranted against defects in workmanship, labor and materials under normal use and service for a period of five years. The warranty excludes any damage or defects as a result of improper design or engineering, inadequate or defective base, normal wear and tear, vandalism, vehicular traffic, abuse, neglect or lack of maintenance.

H. MANUFACTURER

Sport Mat 100 as manufactured by Child Safe Products Inc (1-800-730-0064)

End of Section

NOTICE: These specifications are merely guides for use by Landscape Architects, Engineers and Contractors. It is hoped that these specifications will be of particular value to those who do not have detail knowledge of synthetic running tracks and that it will aid in maintaining high construction standards. CSP, its agents and employees do not warrant the specifications as proper under all conditions.