



100

SPORT MAT System

A. PRODUCT

Sport Mat 100 is a porous cast-in-place synthetic sport surface comprised of polyurethane bound rubber granules, installed at a compacted thickness of 1½”.

B. MATERIALS

Primer

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

Rubber

The rubber granules mat shall be processed rubber and chopped to 1-4 mm size, containing less than 4% dust.

Binder

Binder for the black rubber mat shall be an MDI-based, mono-component, polyurethane binding agent formulated for compatibility with stranded or rubber crumb.

C. EXECUTION

Sub-base

Concrete/asphalt as per plans and details.

Curing

Before application of the sport mat can begin, the concrete should be cured for 14 days; asphalt 30 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:

- Rubber Granules 84%
- MDI Binder 16% of total rubber weight

Surface Installation

Blend rubber and polyurethane binding agent in a suitable mixer for a period of 2-3 minutes. Spread and trowel blended materials onto the concrete/asphalt.



CHILD SAFE PRODUCTS INC.

Amityville NY 11701 * Riviera Beach FL 33404

D. PERFORMANCE STANDARDS

Physical Properties

Colors: Black

Thickness: 1 1/2" or as specified by architect/engineer or owner

Density: 0.75 – 0.78

ASTM D-1984 Coefficient of Friction: Dry: 1.00 Wet: 0.95

ASTM D-2632 Resilience: 37 – 44%

ASTM D-624 Tear Resistance: 60 - 75 PSI

ASTM F 1951 Wheel Chair Mobility

ASTM F 1292 Impact Attenuation

E. CONTRACTOR QUALIFICATIONS

Contractors substituting an "or equal" 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 three 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.