



Division 09 65 66 Resilient Athletic Surfacing

PART 1 – GENERAL

- A. SignaDeck and SignaDeck Ultra Tile resilient rubber flooring is manufactured as a tile product for sports applications.
- B. Color options for SignaDeck and SignaDeck Ultra Tile are to be selected from California Sports Surfaces' standard available colors. Custom colors are available upon request by special order.
- C. SignaDeck and SignaDeck Ultra Tile products come with standard square edges.
- D. Installation must follow manufacturer's standard Installation Procedures.

1.1 DESCRIPTION

- A. The work of this section includes:
 - 1. SignaDeck (3.0mm) and SignaDeck Ultra Tile (9.5mm) EPDM and SBR Rubber Tiles.
- B. Related Sections: Section(s) related to this section include:
 - 1. The work specified in this Section consists of the installation of SignaDeck and SignaDeck Ultra Tile rubber tiles in accordance with these specifications, and in conformity with the dimensions and notes shown in the plans.

1.2 SUBMITTALS

- A. Product Data: Submit manufacturer's product data and installation instructions. Include methods of installation and requirements for substrate preparation.
- B. Samples: Submit representative samples of each material that is to be exposed in the completed work. Show full color ranges available and sample of welded seam.
- C. Shop Drawings: Submit shop drawings for approval prior to fabrication. Include detailed plans, required clearances and accessories. Include relationship with adjacent materials.



1.3 DELIVERY, STORAGE, AND HANDLING

- A. Deliver SignaDeck and SignaDeck Ultra Tile flooring in a careful manner to avoid any damage. Adhesives or surface preparation product containers shall be unbroken and labels intact until time of use. Prevent damage or contamination to materials by water, moisture, freezing, excessive heat, foreign matter or other causes. Avoid exposure to direct sunlight as UV rays can alter appearance of colored rubber. Bending rubber flooring is not recommended, and under no circumstance should SignaDeck be left bent, folded, stepped on, or crushed, as this may destroy the product. It is recommended that SignaDeck and SignaDeck Ultra Tile be stored on site with the adhesives, etc. at least 48 hours prior to installation. Tiles should be removed from pallets and any loading/shipping constraint pressures be removed in order to acclimatize to the recommended environment.

PART 2 – PRODUCTS

2.1 MANUFACTURER

- A. Address: California Sports Surfaces
150 Dascomb Rd., Andover, MA 01810
Telephone: 800-364-0287
Email: sportorders@icpgroup.com

2.2 PROPRIETARY PRODUCT(S)

- A. SignaDeck and SignaDeck Ultra Tile vulcanized rubber tiles manufactured by California Sports Surfaces for indoor commercial applications.
1. 3.0mm SignaDeck Rubber Tiles
 2. 9.5mm SignaDeck Ultra Tile Rubber Tiles

2.2.1 SIGNADECK RUBBER TILES – 3.0mm and 9.5mm

Product information:

Product: SignaDeck 3.0mm by California Sports Surfaces
SignaDeck Ultra Tile 9.5mm by California Sports Surfaces

Materials: Heavy duty rubber flooring made from vulcanized rubber with a hammered finish and multicolored speckle design. The tiles are made with 35% pre-consumer scraps. The bottom layer is made from 40% recycled rubber. The 9.5mm tile is a dual durometer, vulcanized product.



SIGNADECK RUBBER FLOOR TILES FOR HIGH TRAFFIC AREAS

Color: 3.0mm: Beige, Gray, Pink, Green, Teal, Blue, Black
9.5mm: Charcoal and Wine Red

Adhesive: Manufacturer's recommended adhesive for glue-down installation.

Line paint: Manufacturer's recommended source of compounded polyurethane paint.

Physical Properties:

Tile Size:	19.7" x 19.7"
Edges:	Square
Thickness:	3.0 mm and 9.5mm
Shore A Hardness:	85±5 (ASTM D2240)
Tensile Strength:	>1020psi (ASTM D412)
Tensile Elongation:	>150% (ASTM D412)
Tear Strength:	>125 lbs/in (ASTM D624)
Abrasion Test:	<.48g
Water Absorption:	<1% (ASTM D 570)
Indentation:	<0.6%
Static Coefficient of Friction:	.85 (ASTM D2047)
Fire Behavior:	Class I (ASTM E648)
Density of Smoke:	Pass: <450 value (ASTM E662)
Electronic Resistance:	603 x 1011 ohm/cm (ASTM D257)
Color Fastness to Light:	CNS 4-5 (CNS 8907)



PART 3 – EXECUTION

3.1 SUBSTRATE PREPARATION

- A. Examine substrates and conditions where specialty flooring will be installed. Do not proceed with installation until unsatisfactory conditions are corrected. Verify that the subfloor is properly cured, clean and dry. Verify that there are no variations in the concrete slab that exceed +/- 1/8 " in a 10' radius and that the moisture level is less than 3 lbs per 1,000 square feet per 24 hours (test results must be submitted) Report any discrepancies to General Contractor in writing.

3.2 INSPECTION REQUIREMENTS

- A. A thorough inspection of all SignaDeck and SignaDeck Ultra Tile flooring and accessories must be done on site upon delivery to ensure proper quantity and condition of materials.
- B. A thorough inspection of installation site and condition of sub-floor must be performed to ensure structural integrity and completion of any remedial work necessary to prepare sub-floor before installation. See manufacturer's installation instructions for additional preparations of various types of sub-floors.

3.3 INSTALLATION

NOTE: Strictly comply with manufacturer's installation instructions and recommendations. Coordinate installation with adjacent work to ensure proper clearances and to prevent tripping hazards.

- A. It shall be the responsibility of the general contractor to protect the surface from damage by other trades before acceptance by the owner or the owner's authorized agent.
- B. Instruct Owner's personnel in proper maintenance procedures.

3.4 CLEANING AND PROTECTION

- A. Clean exposed surfaces using non-abrasive materials and methods recommended by manufacturer.
- B. Protect specialty flooring until acceptance.