

Rubberflex "A"

CARE & MAINTENANCE

Inspired by the competitive spirit of all athletes, Centaur sets a new standard in recreational rubber flooring with **Rubberflex A**. Uniquely distinct, **Rubberflex A** stands alone with its combination of color, design, toughness and durability. Offering both resilience for the athletes' needs and the scope to blend with today's interior demand.

Rubberflex A really make a difference on floors that get the roughest and toughest use. It is the latest innovation in floor covering for sports areas and has been designed and manufactured from 100% natural rubber to resist damage from cleats, spikes and skate blades. It is specially designed to provide long life, even in heavy traffic areas that are susceptible to higher impact.

Rubberflex A is the floor covering solution for sports arenas subject to extensive heavy traffic and repeated abrasion. It is the IDEAL solution for all your wear and maintenance worries in locker rooms, halls and lobbies in arenas, stadiums and sports and recreational facilities.

Durability and long life make **Rubberflex A** a welcome addition to any golf clubhouse, fitness and aerobics center, ski chalet or ski equipment room.

Rubberflex A is available in eight (8) modern colors (see below) to accent your existing decor, featuring clear-through color. Combine its function and durability with its ease of maintenance while providing a safe and quiet surface wherever you use it and you'll agree, **Rubberflex A** is the answer to your toughest floor needs.

DAILY/WEEKLY MAINTENANCE:

1. Remove surface dust and soil particles by daily sweeping or vacuuming. If necessary, clean with a wet mop, using a mild floor cleaner. IMPORTANT: Do not use powder or high-sudsing detergents.

PERIODIC MAINTENANCE:

1. Periodically clean your Rubberflex "A" as you would for regular cleaning. For stubborn scuffs and soil marks, buff with an auto-scouring machine equipped with washing brushes or use a fiber brush. NOTE: Rubberflex A contains built-in waxes—the more the floor is buffed, the better its appearance.
2. Allow the area to dry and then apply a coat of commercial soft wax based floor finish and follow manufacturer's directions for application. This will bring a satin luster to your flooring. If a high gloss finish is desired, after applying the floor finish, buff the flooring to the desired finish.

AVAILABLE COLORS:

Black, Pewter, Taupe, Purple, Russet, Golf Green, Jade and Indigo.

IMPORTANT: Following rolling of tiles, all seam areas must be weighted for a period of no less than 24 hours following installation (sand bags or similar weighted devices are recommended). This is to ensure that seam areas are properly in contact with the 530 SF adhesive.



If you have any questions, feel free to contact us.

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PART I - GENERAL

1.1 Related Documents

- A. Drawing and general provisions of contract, including general and supplementary conditions apply to work of this section.

1.2 Description of Work

- A. Definitions: The (... insert description of work...) includes:
 - 1. Prefabricated rubber sport surface material
 - 2. Interior or exterior adhesive
 - 3. Lane and line marking

1.3 Quality Assurance

- A. Manufacturer: Manufacturer to be an established firm experienced in the manufacture of prefabricated rubber flooring. All materials to be the product of one manufacturer.

Manufacturer to have completed at least five (5) projects of similar size and magnitude.

- B. Installer: Installer to be a firm experienced in the installation of prefabricated rubber sport surface over recommended base materials.
 - 1. Installer to be recognized and approved by the sport surface manufacturer.
 - 2. Installer to have completed at least three (3) projects of similar magnitude and complexity.
- C. Submittals:
 - 1. Submit five (5) copies of manufacturer's recommendations for the correct preparation, finishing and testing of substrate base materials to receive prefabricated rubber sport surface.
 - 2. Submit five (5) copies of sport surface manufacturer's standard product warranty indicating provided sport surface sheeting to be free from manufacturing defects for a period of one (1) year.
 - 3. Submit five (5) copies of sport surface manufacturer's installation instructions.
 - 4. Submit five (5) copies of sport surface manufacturer's maintenance instructions.
- D. Proprietary Materials: Handle, store, mix and apply proprietary materials in compliance with manufacturer's instructions. Provide materials obtained from one source.

1.4 Product Handling

- A. Deliver packaged materials and store in original pallet with seals unbroken and labels intact until time of use, in accordance with manufacturer's instructions.
- B. Area where materials are to be stored to be maintained at a minimum of 55° F and under 50% relative humidity.
- C. Protect work during and after installation, until acceptance by the owner or his agent, and in accordance with the sport surface sheeting manufacturer's printed instructions.

2.1 Rubberflex "A" System Multi-Use Rubber Athletic Flooring

- A1. Prefabricated rubber sport surface to be Rubberflex "A" Slate texture, 1/4" thickness, as manufactured for Rubberflex/Centaur Flooring, or approved equal, in colors as indicated on the drawings. Prefabricated rubber flooring shall be 100% natural rubber in tiles 35" x 35" x 1/4".
- A2. Top coating shall be Centaur "Tuf-Coat" — a two component polyurethane, UV stabilized for outdoor use.
- A3. Primer coating shall be Centaur "Primer" — a single component polyurethane.

- B. Physical properties of prefabricated rubber sport surface to conform to the following requirements:

2.2 Adhesive

- A. Prefabricated rubber sport surface adhesive to be a two (2) part polyurethane or epoxy adhesive suitable for adherence of sheet good to asphalt/concrete substrate. Adhesive to be as supplied by sport surface manufacturer.
- B. Adhesive formulation to permit addition of inert filler to correct minor substrates variations. Inert filler to be approved by sport surface manufacturer and adhesive formulator, as applicable.

3.1 General

- A. Asphalt or concrete substrate to be in place a minimum of thirty (30) days prior to installation of prefabricated rubber sport surface.
- B. All inserts, penetrations and other construction items which effect the installation of the prefabricated rubber sport surface to be in place.
- C. The prefabricated rubber sport surface installer to approve filed conditions prior to commencement of installation of rubber tiles.

3.2 Installation

- A. Prefabricated rubber sport surface to be laid, precisely fitted and working cut, and left in final position, prior to adherence, for a suitable time.
- B. Mix two (2) part polyurethane or epoxy adhesive in accordance with formulator's instructions. Use approved filler at locations where required to achieve required finish surface. Use 1/8" notched trowel to spread adhesive over application area.
- C. Install prefabricated rubber sport surface into freshly applied adhesive. Stagger the tiles and ensure a tight fit. Roll the adhered tiles with a 75-110 pound roller.
- D. Roll installed rubber flooring with a suitable weight steel roller prior to set of adhesive to remove entrapped air. Use care to avoid displacement of rubber tiles. Clean joints and surfaces where adhesive is extruded by rolling. Use wood alcohol or other solvent, each as approved by the prefabricated sport surface manufacturer.
- E. Ideally, you should hold all seams in place with bricks or suitable weights a minimum of twelve (12) hours after installation of rubber flooring.
- F. After 24 hours, the surface of the rubber tile shall be cleaned and the entire surface given a thorough application of Centaur Primer Coat.
- G. Two hours following the primer coat application, the entire surface shall be roller coated with Centaur Tuf-coat, in colors selected by the owners/architect.

3.3 Cleaning and Protection

- A. Upon completion of work herein, clean all finished sport surfaces so they are free of foreign matter.
- B. Remove all excess and waste materials from the area of work.
- C. Protect the finish work until approval for release by the installer and acceptance by the Owner.

Specifications	
Dimensions	889 mm x889 mm 35" x 35"
Thickness	6 mm (0240")
Wear Layer	6 mm (0240")
Weight (per tile)	6,00 mm: 6.5 kg (14.3 lbs.)
Hardness shore A ASTM D-2240	82
100% Modulus (Psi) ASTM D-412	1022
Tensile Strength (Psi) ASTM D-412	2027
Elongation (%) ASTM-D412	403
Compression set @25% Recovery (%) after 70 hrs. @ 100°C ASTM D-395B	56
Taber abrasion (gms/Kc) H-22 Wheels/1000 g load ASTM 3-3389	0.94
Dimensional stability ASTM D-1204 1 hour @ 100' C Percent shrinkage	Negligible
Water absorption (%) 24 hour@ 23°C ASTM D-570	0.5
Static load (Psi)	Over 315
Flame spread ASTM/E84	Class B
Indentation (%) 80 lbs/0.250" CSA A 126.4 M-1984	1
Resistance to golf spikes and skate traffic*	Excellent
Resistance to cigarette burns	Excellent
Resistance to chemical agents	Very Good
Color stability	Excellent