# **FibarIndoor**®

# **Benefits of Installing FibarIndoor Play Area Surface**

## 1. Protection from falls

Absorbs the impact of falls from playground equipment up to 6 feet. Helps to cushion bumps and bruises caused from falls, even at ground level.

## 2. <u>Impervious to Spills</u>

This allows the surface to be easily cleaned and sanitized.

#### 3. Low Cost

Ease of installation, compared to other playground surfaces, makes FibarIndoor Surface very economical.

#### 4. Colorful and Durable

FibarIndoor carpet and rubber comes in many different colors. FibarIndoor is custom fitted to your play area

#### 5. Compliance

Meets all Playground Safety Surfacing Standards for Impact (ASTM F-1292) and ADA Handicapped Accessibility Standards (ASTM F 1951).

#### 6. Limited Warranty

FibarIndoor Play Area Surface comes with a 5-year Limited Warranty on carpet wear, and a 5-year Limited Warranty for Impact.



# FibarIndoor Play Surface Specifications and Product Description

## Part I: DESCRIPTION

- 1. Bidder shall provide all materials for complete installation of the FibarIndoor Play Surface.
- 2. The material shall be limited to exact extent described in the specifications.
- 3. FibarIndoor Play Surface, Fibar Engineered Foam, FibarIndoor Adhesive, FibarIndoor Carpet Seam Sealer, Seam Cleaner and Shurtape are available from:

The Fibar Group LLC 80 Business Park Drive, Suite 300, Armonk, NY 10504-1705 Telephone: 800-342-2721 Email: Info@Fibar.com

# Part II: SPECIFICATIONS

- 1. Alternate must have a prior approval not less than ten (10) days prior to bid opening.
- 2. The Bidder must provide a surface that is impermeable to both moisture and air flow.
- 3. The Bidder must provide copies of testing procedures and results passing a critical fall height of up to 6' performed by an independent testing source using the ASTM F1292 playground safety surfacing standard (ambient temperature only).
- 4. The Bidder must provide a written five (5) year Limited Warranty from date of installation on the carpet.
- 5. The Bidder must provide a written five (5) year Limited Warranty, from date of installation, for Impact Attenuation.
- 6. Finished surface must be accessible and comply with the Americans with Disabilities Act. Entrance and exit area must not have a slope greater than 1:12.
- 7. The Bidder must provide a Certificate of Insurance, which shall provide coverage for products liability with a limit of not less than \$10,000,000.
- 8. Carpet must be continuous filament nylon 6,6 face with a closed-cell vinyl backing.
- 9. Carpet must be 8.2 pile units per inch.
- 10. Carpet must pass flammability test DOCFF 1-70 and ASTM D2859.
- 11. The Bidder must provide complete installation instructions.

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# MATERIALS

#### A. FibarFoam

Cross-linked, closed-cell polyethylene foam

#### **Characteristics:**

High-impact retention values, tolerates extreme loading with quick compression recovery, absorbs shock and vibration, structurally strong, yet flexible. Can be heat-welded, skived, die-cut, laminated.

#### **B.** Carpet

The carpet is constructed with a dense, premium bulked continuous filament nylon and closed-cell vinyl backing.

#### Characteristics

Impermeable to both moisture and airflow, even at the seams. Problem-causing spills will not penetrate below the product's surface or between the seams; therefore spills are contained and easily cleaned. Mold/mildew cannot thrive.

## C: Glue

Product used shall be FibarIndoor Adhesive.

#### D. Anti-Stumble Edge, ADA Ramp, and Corner Pieces

Must be factory molded from to provide accessibility.

#### Characteristics

The ADA Accessible Ramp provides entrance and exit to the play area in accordance with the Americans with Disabilities Act (ADA) and conforms to ASTM F 1951 standards.

#### <u>F. Tape</u>

Product used shall be FibarIndoor Sure Tape. Two-sided carpet tape to be used to adhere all carpet at the seams.

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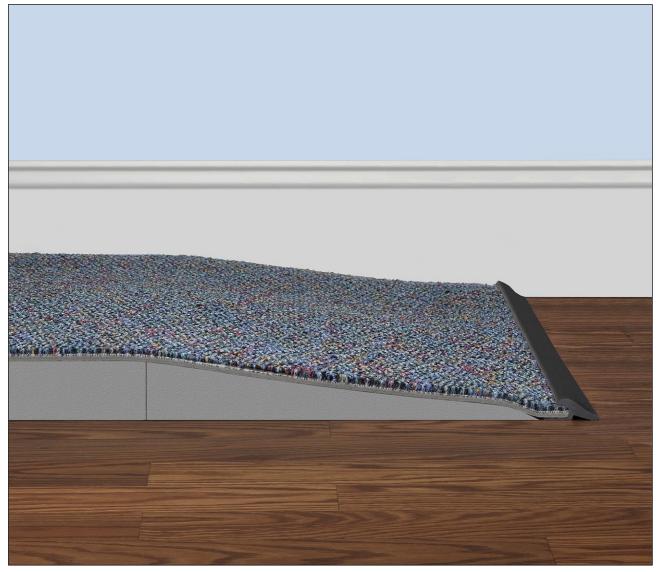
#### G: Seam Sealer

Product used shall be FibarIndoor Seam Sealer. FibarIndoor Seam Sealer is a solvent that produces a molecular/chemical reaction that melts the vinyl on both sides of the carpet and bonds them together. The sealed seam is impervious to liquids and air.

## H: Seam Cleaner

Product used shall be FibarIndoor Seam Cleaner. FibarIndoor Seam Cleaner is a solvent used to clean off any excess seam sealer used during the seam "welding" process.

# FibarIndoor Carpet Cross Section



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