

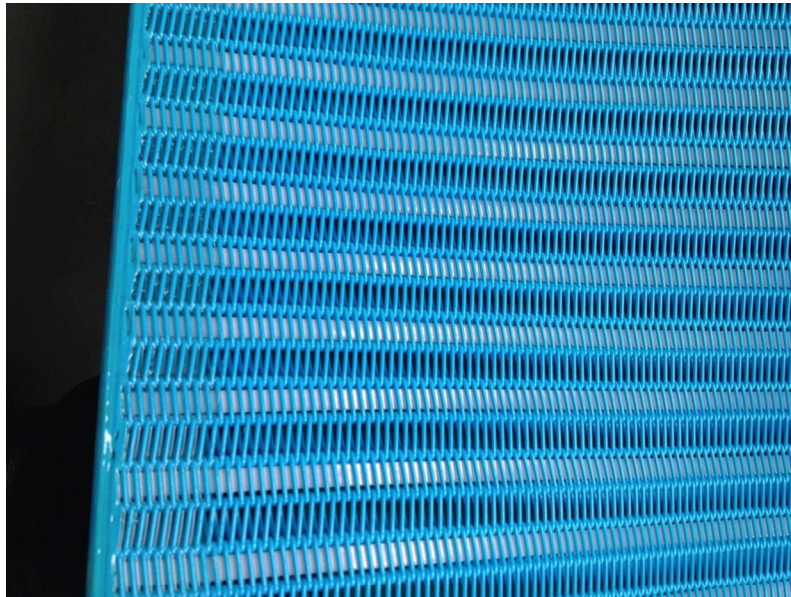
## AccessMat – ABA compliant For Beach Access Routes (F248) Specifications

### MANUFACTURER:

The following beach access mats specifications are based on those provided by AccessRec, LLC. The brand specified is AccessMat, material used to create ADA/ABA compliant beach access route as manufactured by AccessRec LLC partner, 55 Park Slope . Clifton, NJ 07011, phone 201-321-8506. Any proposal shall meet or exceed the specifications herein as determined by the owner or the owner's representative. Alternate/substitute materials will be considered for approval; however; it will be the sole discretion of the buyer or buyer's representative to determine if such a proposal for alternate/substitute materials is acceptable. All bidders/vendors/contractors requesting approval of alternate/substitution on this project must submit all information and certifications as required and specified herein TEN DAYS prior to Bid or Due date for approval by buyer or buyer's representative. Submittal packages that do not include all the required information will be returned and will not be considered for use.

### MATERIAL CHARACTERISTICS:

<b>PRODUCT:</b>	AccessMat
<b>DIMENSIONS:</b>	60+ or 72+ wide by various lengths of 33q 50q 75q or 100q long are standards.
<b>COLOR:</b>	Blue or Brown



## **BEACH ACCESS MATTING DESIGN FEATURES:**

### **ABA BEACH ACCESS ROUTES COMPLIANT (F248):**

AccessMat shall be offered at a minimum of 60+wide. Even though there is no slip resistance requirement when creating an ABA / ADA compliant beach access route, AccessMat shall provide a firm and non-slip surface providing the beach site complies with the ABA rules in general.

### **DURABILITY:**

AccessMat shall be a durable material that withstands the environmental elements as well as extensive pedestrian traffic.

### **LIGHTWEIGHT AND EASY INSTALLATION:**

AccessMat shall be light weight (0.405 lbs/sqft.) and shall be capable of being installed in ten minutes per roll by two people. Rolls shall be of such size and weight that they may be manageably moved by two people. The material shall be capable of being installed on any type of ground surface, regardless of the ground surface stability.

### **MAINTENANCE FREE:**

The matting material shall require little or no maintenance under normal conditions. The use of a broom, blower or pressure washer shall be the only equipment required to clear the surface of any debris, should any accumulate.

### **REMOVABILITY:**

AccessMat shall be easily removable to comply with environmental requirements by being viewed as a temporary access material.

### **VISIBLE PATHWAY**

AccessMat is offered in blue to provide a more visible path to people with visible impairments.

**FABRICATION:** All components shall arrive fully factory fabricated and ready for installation.

### **MATERIAL:**

#### **MATTING MATERIAL:**

All matting materials shall be manufactured of 100% polyester filament. The material shall provide stability on unstable surfaces such as sand. The material shall also be manufactured to provide comfort in the case of bare foot usage. The material shall have a flat structure so that sand do not get stuck underneath . making the material too heavy to be quickly removed by man power in case of emergency. The edges of the matting shall be flat to accommodate the anchoring devises required for installation.

## **TECHNICAL CHARACTERISTICS:**

### **GENERAL:**

Weight	0.405 lbs. per square foot
Composition	100% Polyester

High strength  
Durability, smoothness and good dirt release  
Mats are filled every other 2 pockets to achieve different filtration characteristics  
Completely rot proof & rust proof

**MECHANICAL PROPERTIES:**

Against abrasion	High resistance
Under high pressure	Stable
Tensile strength	High . Ultimate stress = 4.43 ksi / 30.6 MPa
Elongation at break %	22.5%
Tenacity	High . Ultimate Load = 2380 lbf / 10600 N

**CHEMICAL PROPERTIES:**

Acid, Alkali, Solvent resistance	Good
UV and weather resistance	Good - no loss of strength from the light over a period of several years
Inorganic Salt	Excellent
Micro-Organism resistance	Excellent
Urea and liquid manure resistance	Excellent

**THERMAL PROPERTIES:**

Thermal Stability	High
Useable Temperature	-140°F (-40°C) / 176°F (80°C)
Softening Temperature	Te = 446°F (230°C)
Melting Temperature	Ts = 500°F (260°C)
Degradation Temperature	572°F (300°C)
Combustion behavior	it stops burning slowly as flame is taken away

**OTHER PRODUCT ACCESSORIES:**

**GROMMETS:**

Metal grommets shall be provided at the extremities and on both edges of the matting material to anchor the material. High-quality grommets feature rolled edges to prevent cutting through fabric. Spur-teeth grip fabric reducing grommet tears and pull-outs. Manufactured from brass with a nickel coating to reduce oxidization, keeping grommets looking newer, longer

- All grommets have teeth to hold the mat securely in place once grommets are set.
- All grommets are made of brass and are corrosion resistant.
- Bright nickel finish.
- #4 grommet has 1/2" Inside Diameter.

**ANCHORS/SPIKES:**

Anchors shall be provided to facilitate the installation/anchoring of the beach access pathway. Spikes shall be galvanized or plastic - 10+ to 20+ long and go easily through the grommets and sand.

