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 ï 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:

PRODUCT: AccessMat

DIMENSIONS: 60” or 72” wide by various lengths of 33”, 50”, 75”, or 100” long are standards.

COLOR: 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 does not get stuck underneath it 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 devices 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 - 10òto 20ò long and go easily through the grommets and sand.
CONNECTORS:
Connectors consist of one polyester and steel wire that enables to seamlessly connect two mats together at their extremities by feeding the leader seam wire through the loops. Manufacturer / distributor shall be able to forward installation form if requested.

STRAPS:
Two thwart grab standard cam straps in Pacific blue color. Heavyweight polypropylene is great to use in the outdoors. It has excellent UV protection, and it doesn't absorb water quickly giving it resistance to rot & mildew. This webbing is perfect for medium duty applications. It has a thickness of .060 of an inch and its breaking strength ranges from 675lbs. - 1800lbs. Our straps are designed with a slightly raised loop pocket so you can grab it quickly. The grab handle is the standard loop pocket, which is 6 inches wide. Our cam buckles include the standard 1 inch cam. Our 1" cam buckles are the cream of the crop. We have them made especially for use to our high standards.

ALTERNATE/SUBSTITUTE MATERIALS
DESCRIBE IN DETAIL ALL VARIATIONS FROM SPECIFICATIONS ABOVE ON THE FOLLOWING LINES PROVIDED:

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