



ACCESSDECK® USA
ABA / ADA compliant & Vehicular Beach
Access Routes / HDPE Mats (F248)
Specifications for Bid.

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SECTION 1 – GENERAL

SUBMITTALS:

With the bid, provide the following:

PRODUCT DATA:

Submit manufacturer's product literature indicating materials, specification, and other information required to demonstrate compliance with these requirements

SAMPLES:

Samples must be submitted with the bid including, but not limited to a minimum of 5" x 4" material sample. These samples shall be representative of the actual technical and design characteristics of the product with appropriate materials as specified.

ACCESSIBILITY:

Materials shall be 100% accessible via wheelchair, beach access chair, walker, stroller, or other wheeled pedestrian assistance vehicles. Even though there is no slip resistance requirement when creating an ADA / ABA/ OADA compliant & vehicular beach access route, ACCESSDECK® USA shall provide a firm and non-slip surface when the beach site complies with the ABA / ADA / OADA rules in general.

WARRANTY:

Provide a certificate of warranty that meets or exceeds the requirements below. A six (6) years warranty shall be provided from the date of invoice. Should the ACCESSDECK®USA material fail within the first six years of use, the mat will be replaced or repaired by the product manufacturer. Cosmetic issues and wear due to normal usage are not considered a defect in material or workmanship. Damage caused by vandalism or usage other than that which the product is intended for use shall not be included in this warranty. Accessories are not covered under the warranty. The warranty only applies to pedestrian and wheelchair applications – it does not apply to vehicular or roadway applications.





SECTION 2 – PRODUCTS

VENDOR:

The following ground accessibility mats specifications are based on those provided by [ACCESSREC LLC](#). The brand specified is [ACCESSDECK® USA](#), material used to create ADA / ABA / OADA compliant and vehicular beach access route as supplied by ACCESSREC LLC. – 67 Sand Park Road, Suite A – Cedar Grove, NJ 07009 - USA, Tel: +1-973-955-0514 - Fax: +1-201-624-7007. Any proposal shall meet or exceed the specifications herein as determined by the owner or the owner'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: ACCESSDECK® USA

ACCESSDECK®USA is currently the only durable high-density polyethylene (HDPE) panel system specially designed to improve accessibility over uneven ground surfaces. It offered with the following characteristics:

ORIGIN: **Made in the USA** of 20% recycled material

PATTERN: “Chevron” (pedestrians & wheelchairs) on a side and “Vehicular” on other side.

WEIGHT: Approx. 63 lbs.

DIMENSIONS: 4ft x 6ft. or 5ft x 6ft
½” thick at the core.

HOLE: 10 recessed connections holes, one at each corner, and 6 additional connection holes (3 each at the center of the 6ft side) plus 8 other drainage holes.

COLOR: Light Tan: N290-1u Original White or Light Blue: M470-2u Basin Blue





GROUND ACCESS MATTING DESIGN FEATURES:

ABA / ADA BEACH ACCESS ROUTES COMPLIANT (F248):

Even though there is no slip resistance requirement when creating an ABA / ADA compliant beach access route, ACCESSDECK® USA shall provide a firm and non-slip surface providing the beach site complies with the ABA / ADA rules in general. ACCESSDECK® USA material and accessories should be **100% barrier / obstacle free** to meet the ADA guidelines.

DURABILITY:

ACCESSDECK® USA shall be a **durable material** that withstands environmental elements as well as extensive, wheelchair, pedestrian, and vehicular traffic, **up to 20 tons**.

ACCESSDECK® is constructed using a **high-density polyethylene (HDPE)** material recognized for its strength-to-density ratio.

This provides a firm support base and traction for a wide variety of recreational activities; in addition, its chemical and weather capabilities, along with its **UV protective additives**, help preserve and protect ACCESSDECK® USA from any damage or deterioration caused by elements outdoor. ACCESSDECK® USA will not warp, rot, crack, or delaminate and can sustain extreme temperatures.

VERSATILITY:

One of the most exciting features of AD is its **reversible capability**. AD has a unique integrated tread pattern molded onto each side of the plate to serve a multi-purpose solution. This capability is ideal for situations where the need for wheelchair and pedestrian access is present; however, a rugged tread design may, at one point, be desired.

- On one side ACCESSDECK® USA offers a wheelchair/pedestrian friendly, non-slip Chevron tread design to guarantee a **safe and comfortable access way** while still providing a traction-resistant surface for pedestrians, wheelchairs, vehicles and/or equipment.
- The second design is ACCESSDECK® USA standard **rigid surface tread that offers additional mat traction to the ground**, helping to prevent mat slippage or spin out. This design is specific to larger vehicular traffic (i.e. machine equipment and ATVs).





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:

ACCESSDECK® shall be easily removable to comply with environmental requirements by being viewed as a temporary access material. The dimensions of ACCESSDECK® USA make it more manageable and transportable. The installation and removal process are both quick and easy and requires no more than 2 people to complete the job (no tools or machinery necessary!). ACCESSDECK® USA consumes less space, it is easier to store and ship and, therefore, the overall cost is less.

VISIBLE PATHWAY:

ACCESSDECK® USA is offered in blue color to provide a more visible path to people with visible impairments, or in brown color to create a pathway that better blends to the landscape.

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

MATTING MATERIAL:

ACCESSDECK® USA is a high-quality mat engineered to provide ground protection and to facilitate movement for both pedestrian and vehicular traffic across a large range of, otherwise, unstable surfaces (e.g. sand and mud). ACCESSDECK®USA acts as either a temporary or permanent protective, meeting any situational need.

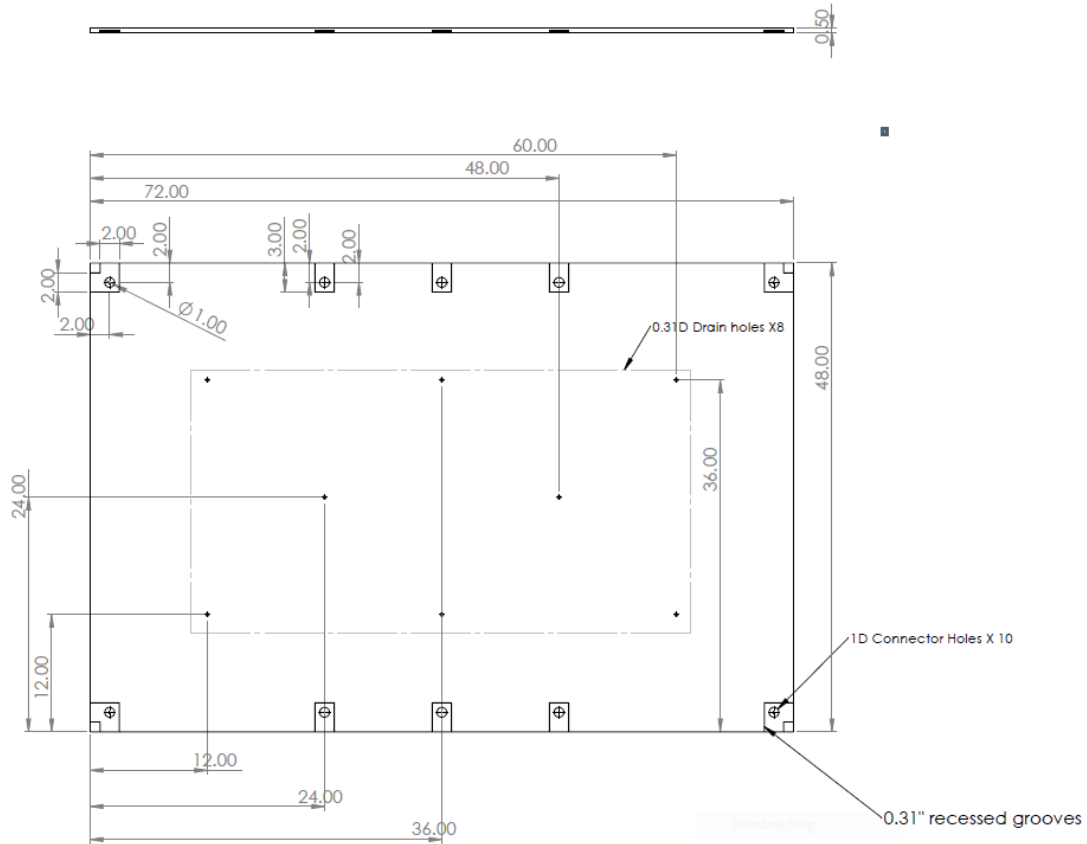
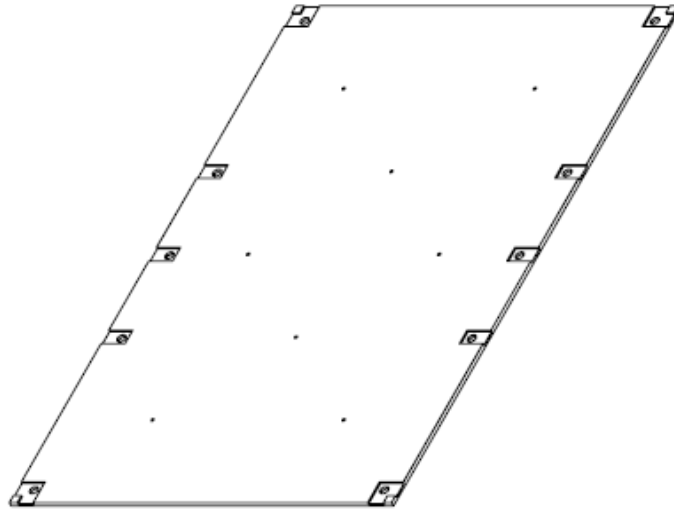
ACCESSDECK®USA is **100% recyclable and made of up to 20% recycled material.**

ACCESSDECK®USA is currently the **only durable** high-density polyethylene (HDPE) panel system offered in light blue or light tan color in dimensions of 4ft x 6ft. Sections are ½" thick at the core. A standard panel weight 61lbs.

In addition, it contains **10 recessed connections** holes, one at each corner, and **6 additional connection holes** (3 each at the center of the 6ft side) plus **8 other drainage holes**. These allow panels to be connected in either direction and to be rotated at 90-degree angles as required.

No other existing HDPE panel system can legitimately claim this.







TECHNICAL CHARACTERISTICS:

GENERAL:

Weight 63lbs
Thickness: 0.5in
Composition 100% HDPE
High strength
Durability, smoothness, and reversible capability
10 connection holes
6 additional holes for multi-configurations.
8 other drainage holes
Completely rot proof & rust proof. crack, or delaminate

HIGH DENSITY POLYETHYLENE

High density Homopolymer polyethylene sheet offers an exceptional combination of stiffness and stress crack resistance.

<u>Test</u>	Condition	Units	Value
Density	ASTM-R1505	g/cm ³	0.960
Melt Mass Flow Rate	ASTM-D1238	g/10 min	0.70
Tensile Strength (Yield)	ASTM-D638	psi	4,500
Tensile Elongation (break)	ASTM-D638	%	2.0
Flexural Modulus – 1% Secant	ASTM-D790	psi	210,000
Ultimate Elongation	ASTM-D638	%	710
Tensile Impact Strength	ASTM-D1822	Ft.lb/in ²	90
HDT	ASTM D-648	°C	80
Vicat Softening Point	ASTM-D1525	°C	128
Low Temperature Brittleness	ASTM D-746	°C	<(-75)
Hardness	ASTM D-785	Rockwell R	66
Flammability Rating	UL94 HB		Passes

NOTE: While this information is presented in good faith and believed to be accurate, ACCESSREC, LLC. does not guarantee satisfactory results from reliance upon such information and disclaims all liability for any loss or damage arising out its use. No information contained herein is to be construed as a recommendation to use this product in conflict with any patent.





OTHER ACCESSDECK®USA ACCESSORIES:

Single anodized aluminum ACCESSLINK



Double anodized aluminum ACCESSLINK

