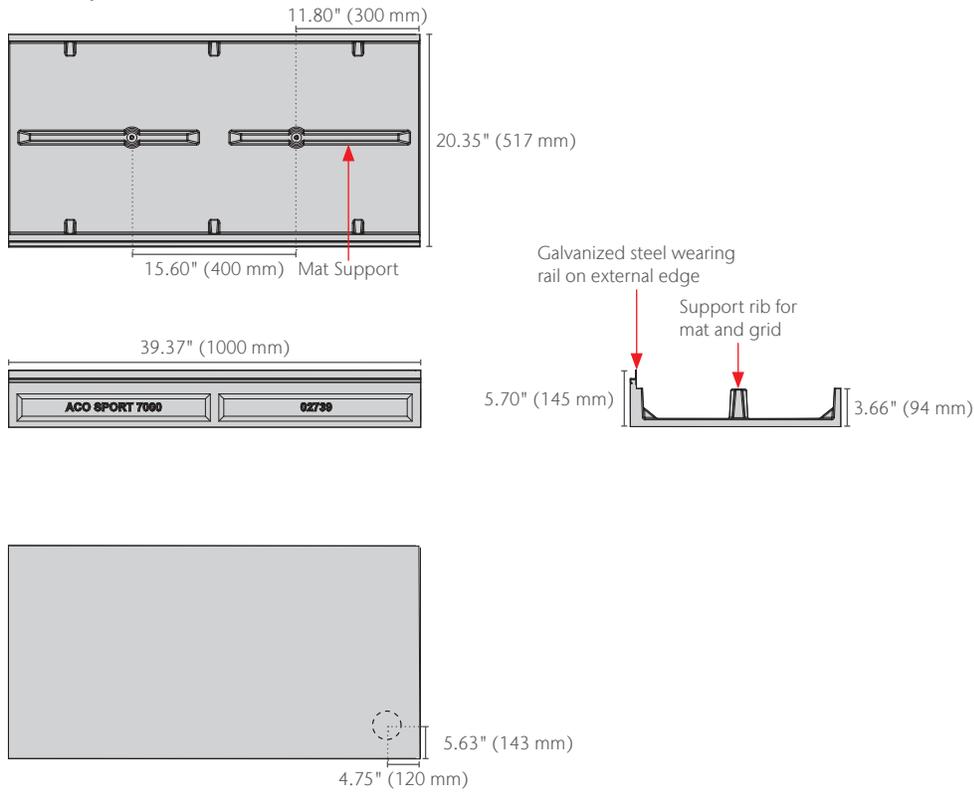


ACO Sport | System 7000

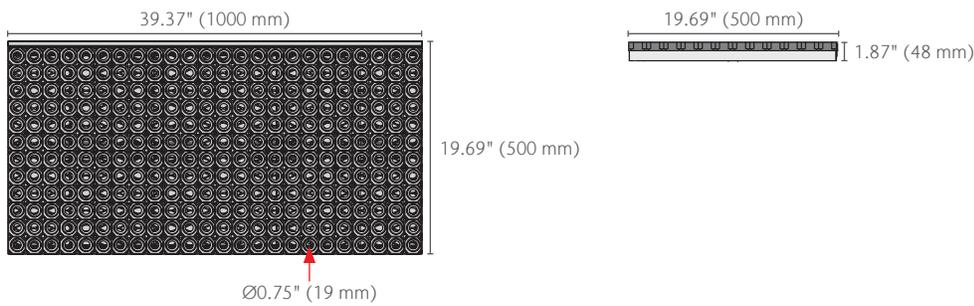
Sand Trap



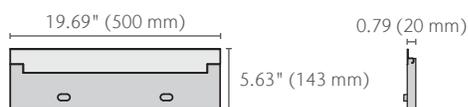
Sand Trap Base



Rubber Mat with Steel Mesh Support



End Cap



Sand Trap



2" Curb Sections	Part No.	Overall Depth in (mm)	Weight lbs
Sand Trap Base - 39.37" (1m)	02739	5.70 (145)	79.0
Rubber mat with steel mesh support - 39.37" (1000 mm)	01453	1.87 (48)	32.0
End Cap	02740	5.63 (143)	8.0

Specification Summary

Part I - General

- 1.1 Related Work** - Work specified in other sections includes but is not limited to: Excavation and backfill, cast-in-place concrete, and mechanical equipment.
- 1.2 System Description** - Modular sand trap system pre-cast from corrosion resistant polyester polymer concrete including interlocking modular components for on-site installation.
- 1.3 Submittals** - Manufacturer will submit, when required, shop drawings showing schematic plan of total sand trap system listing all parts being provided with exact center-line dimensions suitable for installation. Copies of the manufacturer's recommended method of installation, assembly, and anchorage shall be submitted for review.
- 1.4 Project History** - Manufacturer shall submit a list of projects installed during the past twenty years, if required.
- 1.5 Warranty** - ACO provides a limited product warranty of one year based on installation according to manufacturer's installation instruction data.

Part II - Product

- 2.1 Products** - Manufacturer shall be ACO, Inc.
- 2.2 Physical & Mechanical Characteristics**
 - Overall width - 20.35" (517 mm)
 - Unit depth - 5.70" (145 mm)
 - Unit length - 39.37" (1000 mm)
 - Compressive strength - 14,000 psi
 - Flexural strength - 4,000 psi
 - Water absorption rate - <0.1% by weight.
- 2.3 Sand Trap Profile** - Shall include a galvanized steel wearing edge on one side to create an aesthetic edge for the mat to sit against and a functional edge up to which paving material can be installed. The opposite edge shall have a straight edge to butt against the elastic curb border (see ACO Sport System 7100 for details). Each pre-cast polymer concrete unit shall be one meter (39.37") long.
- 2.4 Cover** - Shall include a non-slip rubber mat with 0.75" (19 mm) diameter holes which sits on top of galvanized steel mesh support grate. Covers are 19.69" (500 mm) by 39.37" (1 meter) long

Part III - Installation

- 3.1 Site Preparation** - Excavate area for sand trap placement wide enough and deep enough to accommodate the sand trap and a minimum of 4 inches (100 mm) concrete encasement. Units require a minimum of 4 inches (100 mm) of concrete support on both sides as well as beneath sand trap. Top of sand trap must be evenly aligned to the surface of the surrounding slab.
- 3.2 Installation** - Sand trap sections are installed end to end. Each section shall be placed on brick, rebar basket, low slump concrete grout slurry, or suspended to obtain correct finished elevation. If cuts are required a masonry or concrete saw may be used. Cover top of the sand trap with plastic, or plywood strips to protect the surface during concrete pour.
- 3.3 Finishing and Clean-up** - Following final set of concrete, remove protection covering the top of the sand trap, fit rubber mat/steel support grate.
- 3.4** Install in strict accordance with manufacturer's recommendations and drawings. Details available at www.ACOSport.us.

ACO, Inc.

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All reasonable care has been taken in compiling the information in this document. All recommendations and suggestions on the use of ACO products are made without guarantee since the conditions of use are beyond the control of the company. It is the customer's responsibility to ensure that each product is fit for its intended purpose and that the actual conditions of use are suitable. ACO, Inc. reserves the right to change products and specifications without notice.



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