



## AVM Drain Board 6000

### Prefabricated HDPE Drainage Composites

Sections 334600 / 334613 / 334616 /  
334619 / 334633

Prefabricated Drainage Composites

#### Product Name

AVM Drain Board 6000

#### Manufactured by

AVM Industries, Inc.  
8245 Remmet Ave, Canoga Park, CA 91304  
888.414.1041 818.888.0050  
www.avmindustries.com

#### Product Description

Provides protection for waterproofing systems and managing subsurface water around building foundations. Soil backfill is retained while allowing water to pass into the drainage system providing hydrostatic relief. Collected water is then conveyed to AVM Bottom Drain 6" or AVM Bottom Drain 12", or other collection systems.

Consists of an impermeable HDPE sheet cusped under heat and pressure to form a high flow dimpled drainage core. The core is then bonded to a layer of nonwoven filter fabric. The filter fabric retains soil or sand particles as well as freshly placed concrete or grout, allowing filtered water to pass into the drainage core.

#### Where to Use

AVM Drain Board 6000 is ideal for use with foundation walls, retaining walls, planters, roof gardens, bridge abutments, and under slabs.

#### AVM Drain Board 6000

Maintains a very high flow rate while providing a higher compressive strength for greater depths. A very popular choice for vertical and horizontal single sided drainage applications. Moderate duty.



#### Delivery, Storage, and Handling

- a. Packing and shipping: Provide materials in original unopened containers with manufacturer's labels intact and legible.
- b. Acceptance at site:
  1. Unload materials: check for damage.
  2. Damaged materials determined by visual inspection will not be accepted.
  3. Remove rejected materials from site immediately.
- b. Storage and protection:
  1. Store materials in dry area in manufacturer's protective packaging with labels and installation instructions intact.
  2. Store materials under cover, off ground; protect from sunlight.
  3. Transmissivity or Flow Q with hydraulic gradient of 1 with confining stress indicated in MANUFACTURED UNITS Article in accord with ASTM D4716-01

#### Project Conditions

1. All surfaces to which the Drainage Boards are applied to must be clean, sound and stable enough to properly attach and hold onto the drain boards being installed.
2. Warn personnel against hazards of working with this product. Sharp edges, weight, etc. Note other hazardous conditions on the job that might require special attention or extra protective gear and or any other special protective or safety procedures.
3. Protect adjacent surfaces which could be damaged during the application procedure.

#### Inspection of Substrates

1. Verify 1% slope to underslab collection pipes or site water drainage system at underslab drainage system location substrate.
2. Examine conditions and substrates where products specified in this section are installed; submit written notification of unacceptable conditions or substrates.

#### System Application

Refer to installation instructions.

#### Quality Control

- a. Visually inspect all drain board surfaces to ensure a full and proper drain board system application, especially at corners, drainage footings and other hard-to-reach areas.
- b. All unsatisfactory areas shall be repaired prior to final acceptance.

#### Protection of Installed Work

Always protect the waterproofing and drainage system until fully covered with dirt, concrete, shot-crete, etc.

#### Availability and Cost

Contact AVM Industries or your approved applicator for pricing and availability.

#### Technical Services

Technical services are available by contacting our offices at: **888.414.1041** or **818.888.0050** or visit **www.avmindustries.com**

#### System Specifications

See next page.

## Physical Properties

Core	6000
Compressive Strength (ASTM D-1621)	15,000 psf (719 kNm <sup>2</sup> )
Thickness (ASTM D-1777)	.40" (10.16 mm)
Flow (Hydraulic gradient = 1) (ASTM D-4716)	21 g/min/ft (260 L/min/m)

Fabric	6000
Flow (ASTM D-4491)	140 gal/min/ft <sup>2</sup> (5704 L/min/m <sup>2</sup> )
Puncture (ASTM D-4833)	65 lbs. (.30 kN)
AOS (EOS)	70 U.S. Sieve (.212 mm)
Grab Tensile (ASTM D-4632)	100 lbs. (.45 kN)

General Characteristics		
Roll Length	Roll Width	Roll Weight (approx. lbs.)
50 ft. (15.24 m)	4.0 ft. (1.22 m)	47.0
50 ft. (15.24 m)	8.0 ft. (2.43 m)	83.0

### Notes:

AVM Drain Board 6000 in 4' and 8' widths are stocked items.

All other drain board versions are "Special Order" items. Allow 2 weeks lead time for special order items.

For pricing and availability of special order items, please contact AVM Industries or your local distributor.

For a complete list of details in CAD or PDF, please visit our website at [www.avmindustries.com](http://www.avmindustries.com).

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**Quality Waterproofing Products**



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