



AVM Drain Board 9000-T

Thin High Compression Prefabricated Drainage Composite

Sections 334600 / 334616.16 /
334619.16 / 334623.19

Prefabricated Drainage Composites

Product Name

AVM Drain Board 9000-T

Manufactured by

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

Product Description

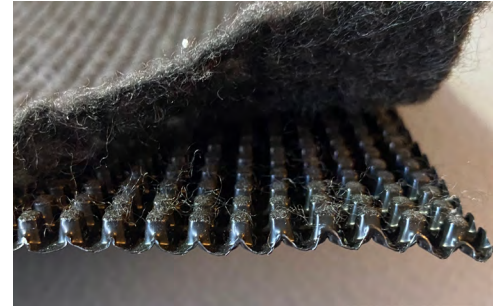
AVM Drain Board 9000-T is a uniquely designed, thin, high compressive strength protection/drainage composite sheet for waterproofing systems on horizontal and vertical applications such as balconies, planters, rooftop gardens, split-slab and foundation wall applications. The filter fabric retains soil or sand particles as well as freshly placed concrete or grout, allowing filtered water to pass into the drainage core. The collected water is then conveyed to a proper collection system.

Where to Use

AVM Drain Board 9000-T is ideal for use in applications where a thin high compressive drain board is needed such as in split-slabs, under-slabs, plaza decks, roof gardens, tile and planter applications.

AVM Drain Board 9000-T

Consists of a heavy duty impermeable polymeric sheet cusped under heat and pressure to form a thin, high-compression dimpled drainage core. The core is then bonded to a layer of geotextile 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.



Delivery, Storage, and Handling

- Packing and shipping: Provide materials in original unopened rolls with manufacturer's labels intact and legible.
- Acceptance at site:
 - Unload materials: check for damage.
 - Damaged materials determined by visual inspection will not be accepted.
 - Remove rejected materials from site immediately.
- Storage and protection:
 - Store materials in dry area in manufacturer's protective packaging with labels and installation instructions intact.
 - Store materials under cover, off ground; protect from sunlight.

Project Conditions

- 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.
- 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.
- Protect adjacent surfaces which could be damaged during the application procedure.

Inspection of Substrates

- Verify slope to underslab collection pipes, drains or site water drainage system. For zero slope conditions, contact AVM Industries.
- 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

- 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.
- 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, 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.

STRUCTURE: AVM Drain Board 9000-T is a high strength, high flow cusped HDPE drainage core attached to a non-woven geotextile made from polypropylene.

Physical Properties of the Core	
Studs for square meter (n/m ²)	>23000
Raw material	HDPE

Physical Properties of the Geotextile Fabric						
Test	Test Method	U/M	Results	U/M	Results	Tolerance
Grab Tensile Strength	ASTM D 4632	kN	0.40	Lbs	90	
AOS	ASTM D 4751	Mm	0021	US Sieve	70	
CBR Puncture	ASTM D6241	kN	1.18	Lbs	265	
Raw Material: Polypropylene						

Physical/Mechanical Characteristics						
Test	Test Method	U/M	Results	U/M	Results	Tolerance
Thickness at 2 kPa	ASTM D 1777	mm	5.5	Inch	0.22	± 20%
Compressive Strength *	ASTM D 1621	kN/m ²	1200	Psf	25,056	± 20%
Tensile Strength MD	ASTM D 4595	kN/m	11	Lb/ft	754	± 20%
Tensile Strength CMD	ASTM D 4595	kN/m	9	Lb/ft	616	± 20%
Strain at Break MD	ASTM D 4595	%	65			± 25%
Strain at Break CMD	ASTM D 4595	%	65			± 25%

* Peak Resistance

Drain Flow Capacity			
Test Type	Test Method	Gal/(ft ² /min)	Tolerance
Drain Flow Capacity MD	ASTM D 4716	8.0	± 25%

Dimensions and Packaging							
Roll Length	Roll Width	Total sq. ft.	Roll Weight	Rolls/Pallet	Pallet Weight	Pallet Size	Tolerances
111.55 ft (34 m)	3.84 ft (1.17 m)	428 sq ft (39.78 m ²)	62.5 lbs (28.41 kg) +/- 15%	5	343 lbs (155.91 kg) +/- 15%	45"x45"x51" (WxLxH)	L ±2%. W ±3%.

Notes:

AVM Drain Board 9000-T comes in 3.84' widths.

For pricing and availability, please contact AVM Industries, your local rep or your local distributor.

For a complete list of details in CAD or PDF, please visit our website at www.avmindustries.com.

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Quality Waterproofing Products



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