



INDUSTRIES, INC.

8245 Remmet Ave Canoga Park, CA. 91304 (818) 888-0050 [www.avmindustries.com](http://www.avmindustries.com)

## Installation Instructions for - AVM Drain Board 2000, 6000, 9000

### General

#### Description

The AVM Drain Boards are used for protection and drainage in below grade, retaining walls, planters, between slabs, roof gardens and other similar applications.

#### Applicator

The applicator shall either be an AVM Industries Authorized Installer or be completely experienced in the application of the materials of this system and has read and understood these installation instructions prior to commencing the work.

#### Product 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

#### Limitations

Temperatures: Do not apply when temperatures are below 40°F and falling or if temperatures exceed 90°F. Do not apply if rain is eminent. Over Fluid Applied Membranes: Do not apply to membranes that are not fully cured!.

UV Resistance: Install acceptable protection as soon as the membrane has cured. Do not leave membrane exposed to UV for more than 14 days! Strictly adhere to the Installation Instructions. Failure to do so, may result in the membrane's failure. Drain board should not be left exposed to UV for more than 60 days.

#### Acceptable Substrates

May be install over all types of waterproofing membranes. If fluid applied, make sure they are fully cured. Make sure membrane is properly adhered to the substrates before installing the drain boards.

#### Safety

No special protective gear is required during the application of the system materials, except safety glasses for eye protection.

#### Tools Needed for Application

- A. Cutting Knife                      B. Brush                      C. Roller (Helpful for large areas)



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Fluid Applied Waterproofing

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## Installation Instructions for - AVM Drain Board 2000, 6000, 9000

### Products

- AVM Drain Boards (Many types available)
- AVM Drain Board Adhesive (Water-based)
- Z-Bars or Termination Bars (Must be from non-rusting materials)

### Substrate Inspection and Preparation

#### Inspection of Substrates

- Substrates shall be sound, stable, clean, free of dirt, dust, oil, grease and curing agents.
- Concrete finish shall be reasonably straight without waviness or noted defects.
- Damaged surfaces with noted defects shall be repaired prior to commencement of the drain board installation.
- On horizontal surfaces, Verify that substrate provides adequate slope for proper drainage. (Minimum slope: 1/4" per foot)
- When applicable, verify that all sheet metal flashing and related accessories are properly secured and joints solidly imbedded in sealant. Install edging and other related metals where shown or required for a complete installation.
- Expansion Joints: **DO NOT COVER EXPANSION JOINTS!** If expansion joints exist, contact the architect or AVM Industries for further instructions on how they should be waterproofed.

#### Preparation of Substrates

- Remove latex, oil, grease, curing agents, debris and other deleterious materials from surfaces scheduled to receive application. On horizontal, older, or very dirty substrates, high pressure washing or bead blasting are highly recommended.
- Just prior to beginning the installation of the Aussie Membrane, thoroughly clean the areas to receive this work with a broom or blower to remove all debris and dust from the work area.

#### System Application

*Important Note: The following material coverages may vary based on job conditions, Substrate conditions and other factors. Please read the coverage charts carefully prior to the application of the Aussie Membrane.*



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## Installation Instructions for - AVM Drain Board 2000, 6000, 9000

### Drain Board Installation Instructions

#### Drain Board Adhesive:

##### **Mixing:**

Mix the adhesive in the bucket well using a drill and paddle.

##### **Application: (Roller/Brush or Spray)**

Apply a liberal coat of the AVM Drain Board Adhesive to the wall surfaces. For improved bonding (Recommended), apply a liberal coat of the AVM Drain Board Adhesive to the back side (Plastic side) of the drain board as well.

Allow adhesive to cure until it's no longer wet. It should be very tacky, similar to contact glue.

#### Drain Board Application:

Drain boards may be applied both vertically or horizontally.

Adhere the drain boards to the walls/floor surfaces and apply pressure for a few seconds. You might have to put some wood or other devices to keep the drain board against the wall for a while.

Make sure that drain boards cover the footings and wrap around the drain pipes when applicable. Check the project details for more information.

In horizontal areas, remove the plastic backing over the drains and leave the fabric only.

#### Termination Bars

Secure the top of the drain boards using termination bars or Z-Bars. Attache them to the wall with concrete nails, and then cover the top with Aussie Membrane or approved caulking.

#### Inspection

1. Visually inspect all surfaces to ensure a full adhesion and proper application, especially at termination bars, corners, drainage areas, footings and other hard-to-reach areas.
2. Fix any areas that are not properly attached or where drain board is damaged.