



# Pre-Installation Conference Guide for Below-Grade System Material & Labor Warranty

## System Material & Labor Warranty Requirements

1. AVM product warranty eligibility (reference Product Manuals for product applications and installation instructions):
2. Installer: AVM products must be installed by a certified AVM Approved Applicator
3. Project waterproofing details must be installed in accordance with AVM's standard published and/or project specific waterproofing details. Job specific details created by AVM Approved Applicator or designer must be signed off by AVM Representative.
4. Pre-Installation Conference: A pre-installation conference shall be held prior to commencement of field operations to establish procedures to maintain optimum working conditions and to coordinate this work with related and adjacent work. Agenda for meeting shall include review of special details and flashing.
5. Inspection: Project must be inspected by Approved Applicator (requirements in warranty section)
6. Warranty Issuance:
  - The Certified Date of Substantial Completion is required for warranty issuance.
  - Approved Applicator must be paid in full.

Date:
Project Name:
City / State:
Product(s):
Product(s):
Warranty Duration:





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## Product Application/Job Conditions:

### Construction Type:

- Post-Applied
- Pre-Applied
- Underslab

### Foundation Wall Type:

- Cast-In-Place
- Shotcrete
- CMU
- Pre-Cast

### Shoring System:

- Shotcrete
- Metal Sheet Piling
- Caisson I-Beam
- Plywood
- Wood Lagging

- Hydrostatic Condition: Y or N    Water Table Depth:
- Water Management System: Y or N
- Injection Tube System Installed? Y or N  
   - If yes, which Brand/Model?
- When using shotcrete or cast-in-place concrete, AVM requires walls be placed in strict accordance with ACI 506.2-95 Core Grade 1 or 2 standards. If core grades are below those standards it will void AVM warranties as all waterproofing is dependent on well consolidated concrete.





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## Project Detail Review:

### Substrate Type and Requirements:

Subbase  
(mud slab or compacted fill)

Vertical Wall  
(CDSM, Wood Lagging, etc.)

### Horizontal

- Smooth, free of sharp edges and firm
- No gaps greater than a ½ inch in depth or width

### Vertical

- Smooth, free of sharp edges
- No gaps greater than a ½ inch (unless drain mat or foam are used)

### Rebar Requirements:

Loading Procedures:

Key Contact:

(name and phone number of onsite rebar Forman)

- Concrete dobies, metal bar supports that are curved, supports cannot have sharp edges
- Review rebar loading procedures
- Chalk Marking spray only (no solvent based spray paints)
- Review Repair procedures

### Temperature Guidelines

\*If ambient temperatures are expected to be above 110°F or below 40°F during installation or prior to placement of concrete please refer to the Aussie Skin Product Manual.





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## Penetrations:

Problem areas (who is taking charge of this?)

Post-applied penetrations (where and how many?)

## Plumbing

- Spacing Concerns – minimum spacing of 6 inches
- Sleeve versus Direct to Pipe
- Vertical versus Horizontal

## Electrical

- Spacing concerns – minimum spacing of 6 inches, closer is allowed with specific limitations and required enhancements prior to job start in writing from AVM.
- No tight clusters
- No braided cables – all pipes must be solid

## Tie-Backs

- Will the tie-back be de-tensioned?
- Review Standard details
- Cement board to be placed where piles are to be removed

## Rebar Ties

- Minimum thickness and length requirements
  - All Rebar Ties must be proud from the wall a minimum  $\frac{3}{4}$  inch to allow room for proper sealing. (Sealant must cover min  $\frac{1}{2}$ " of shaft!)
- Must be solid and have no give
- Must be sealed with Aussie Seal M

## Miscellaneous

- No stay form – all form work is to be removable

## Expansion Joints:

- Should be avoided if possible **remove and replace with “AVM warranties do not cover watertightness of any expansion joints – detail to be reviewed and approved by design team”.**
- Control Joints / Moving Joints?
- What joint system are we tying into?





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## Above Grade Tie-in and Termination requirements:

What System is being used on the podium?

Are there any other tie-ins not noted below?

- Follow standard requirements
- If another manufacturer's system is tying into the Aussie Skin - Who verifies compatibility between the two systems?
- If another manufacturer's system is tying into the Aussie Skin - Who warrants the tie-in between the two systems?
- Termination at soft-scape or hard-scape

## Transition to Post-Applied:

Are there any areas that transition from blindside to post applied? If so, where?

- Aussie Membranes 500/502/520/580-AL, 582-AL and 585-CW require min 7 days cure time from placement of concrete prior to placement of post applied.
- Insure a tale of Aussie Skin is wrapped onto the forms prior to shooting concrete so that we have continuous waterproofing.
- Review back fill process and protection of waterproofing





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## Approved Applicator Inspection Requirement

- Approved Applicator must provide photo documentation of the following to AVM:
  - The entire substrate to receive waterproofing.
  - Detailing work of penetrations and other critical areas
  - The completed waterproofing system prior to the installation of Drain Board or other protection media.
  - The completed installation before rebar and concrete coverage.
  - Add here in big bold letters (as you see fit)

**Email all documentation and photographs  
to [techservices@avmindustries.com](mailto:techservices@avmindustries.com)**

### Important note:

- Please CC the Local Rep on all correspondence.





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## Attendance Check-In:

<b>AVM Representative:</b>		
_____	_____	_____
<b>NAME</b>	<b>COMPANY</b>	<b>SIGNATURE</b>
<b>Approved Applicator (Certified):</b>		
_____	_____	_____
<b>NAME</b>	<b>COMPANY</b>	<b>SIGNATURE</b>
<b>General Contractor:</b>		
_____	_____	_____
<b>NAME</b>	<b>COMPANY</b>	<b>SIGNATURE</b>
<b>Concrete Contractor:</b>		
_____	_____	_____
<b>NAME</b>	<b>COMPANY</b>	<b>SIGNATURE</b>
<b>Plumbing Contractor:</b>		
_____	_____	_____
<b>NAME</b>	<b>COMPANY</b>	<b>SIGNATURE</b>
<b>Electrical Contractor:</b>		
_____	_____	_____
<b>NAME</b>	<b>COMPANY</b>	<b>SIGNATURE</b>
<b>Architect:</b>		
_____	_____	_____
<b>NAME</b>	<b>COMPANY</b>	<b>SIGNATURE</b>
<b>Owner's Representative:</b>		
_____	_____	_____
<b>NAME</b>	<b>COMPANY</b>	<b>SIGNATURE</b>
<b>Approved Independent Inspector:</b>		
_____	_____	_____
<b>NAME</b>	<b>COMPANY</b>	<b>SIGNATURE</b>
<b>Waterproofing Consultant:</b>		
_____	_____	_____
<b>NAME</b>	<b>COMPANY</b>	<b>SIGNATURE</b>
<b>Carpenter:</b>		
_____	_____	_____
<b>NAME</b>	<b>COMPANY</b>	<b>SIGNATURE</b>
<b>Rebar Contractor:</b>		
_____	_____	_____
<b>NAME</b>	<b>COMPANY</b>	<b>SIGNATURE</b>
<b>Other:</b>		
_____	_____	_____
<b>NAME</b>	<b>COMPANY</b>	<b>SIGNATURE</b>
<b>Other:</b>		
_____	_____	_____
<b>NAME</b>	<b>COMPANY</b>	<b>SIGNATURE</b>

