



Pre-Installation Conference Guide for Below-Grade Material Warranty

Material Warranty Requirements

1. AVM product warranty eligibility (reference Product Manuals for product applications and installation instructions):
2. Project waterproofing details must be installed in accordance with AVM's standard published and/or project specific waterproofing details. Job specific details created by Applicator or designer must be signed off by AVM Representative
3. 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.
4. Warranty Issuance:
 - The Certified Date of Substantial Completion is required for warranty issuance.
 - The 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)

Rebar Requirements:

Loading Procedures:

Vertical Wall
(CDSM, Wood Lagging, etc.)

Key Contact:
(name and phone number of onsite rebar Forman)

Horizontal

- Smooth, free of sharp edges and firm
- Properly compacted earth/aggregate
- No gaps greater than ½ inch depth or width

Vertical

- Smooth, free of sharp edges
- Nails/Fasteners must be recessed
- No gaps greater than:
 - Aussie Skin directly over substrate: ½ inch
 - ½ inch foam: up to 2 inches
 - Drainmat 6000: up to 2 inches

- 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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Attendance Check-In:

AVM Representative:		
NAME	COMPANY	SIGNATURE
Waterproofing Applicator:		
NAME	COMPANY	SIGNATURE
General Contractor:		
NAME	COMPANY	SIGNATURE
Concrete Contractor:		
NAME	COMPANY	SIGNATURE
Plumbing Contractor:		
NAME	COMPANY	SIGNATURE
Electrical Contractor:		
NAME	COMPANY	SIGNATURE
Architect:		
NAME	COMPANY	SIGNATURE
Owner's Representative:		
NAME	COMPANY	SIGNATURE