

AVM Forevercoat 100 Quality Control Checklist

PROJECT NAME:		
DATE:	WEATHER:	REPORT#:

PLYWOOD SUBSTRATE		YES	NO	N/A	NOTES
1	Is plywood minimum 5/8" exterior grade (A side exposed) CDX				
2	Has plywood been glued and fastened and/or is properly secured				
3	Is substrate fastened using either screws, ring shank nails or deck screws (no Common nails)				
4	¼" slope to drain confirmed. If deck does not have sufficient slope in the framing, is there room to add slope to achieve a min ¼"/Foot slope				
5	Are joists maximum 16" on center				
6	Are all plywood edges and joints properly blocked				
7	Is moisture present (If moisture is present, please reach out to your local representative)				
8	Are all fasteners flush or slightly counter sunk				
9	Is substrate built to local code				
10	Is any deflection noted on plywood substrate				
11	Is plywood clean and free of any foreign matter				

COMMENTS:

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CONCRETE SUBSTRATE		YES	NO	N/A	NOTES
1	Is concrete minimum 2" thick and min 2000 PSI compressive strength				
2	Has concrete cured minimum 28 days				
3	Has a curing compound been used				
4	Has concrete substrate been tested for moisture/RH				
5	Is moisture present in slab				
6	Was an In Situ (ASTM F2170), calcium chloride test (ASTM F1869) or Moisture Meter (ASTM F2170-19A) conducted				
7	Will moisture mitigation system be required				
8	¼" slope to drain confirmed. If not, is there enough room to add slope to achieve a min ¼"/foot slope?				
9	Are there a sufficient number of drains for the areas being waterproofed				
10	Are the drains the correct type of drains (Deck drains)				
11	Have all cracks, voids, spalls and/or voids been addressed				
12	Is surface profile in accordance with ICRI CSP-3				
13	Are all fasteners flush or slightly counter sunk				
14	Is substrate clean and free of any foreign matter				
15	Are expansion joints present				
16	If there are any expansion joints and/or cold joints reach out to your local AVM representative to discuss options				
17	Will a primer and parge coat of AVM Crete be installed over concrete imperfections				

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FLASHING INSTALLATION		YES	NO	N/A	NOTES
1	Is flashing lapped a minimum 4" with sealant bead and/or soldered seams				
2	When installing on plywood substrate Is flashing nailed 3-6" staggered with no fish mouths				
3	When installing on concrete is flashing wet set in urethane sealant and lying flat				
4	Is flashing a minimum 26 gauge				
5	If Galv, SS, or copper is the flashing abraded to surface profile SSPC-SP11 (bright white)				
6	Do all doors and sliders have pan flashing				
7	Is flashing continuous, including return if appropriate				
8	Is building paper/sheet goods lapped properly over deck flashing				
9	Is deck to wall and edge metal both installed using minimum 3" onto deck				
10	Do all pipe penetrations and/or rail posts have flanges				
11	If not, are there excessive gaps requiring special procedures to seal them				

COMMENTS:

METAL LATH INSTALLATION OVER PLYWOOD		YES	NO	N/A	NOTES
1	Is metal lath offset from any plywood seams minimum 2"				
2	Is metal lath minimum 2.5#				
3	Is metal lath held back 1/4" from any wall and/or posts sufficiently from all deck edges				
4	Does metal lath have minimum 1" overlap				
5	Does metal lath have staples every 1" along seams				
6	Does lath have approx. 16 staples per sf in the field				
7	Are there any high or loose staples				

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GENERAL FOREVERCOAT 100

Primer Coat-AVM Primer #100 - (Optional) for improved adhesion or questionable substrates

Concrete Layer (Crete 6400) - 1 Gallon additive 7400 to 1 bag Aggregate 400 at approx. 20 sf per batch (Up to ½ gal water may be added to allow flowability) Full 1 gallon additive **MUST** be used.

(ALT) 400SC Single Component - Mix 1 bag 400SC with approx 1 gallon of water as needed to achieve desired consistency.

Not to exceed 1.5" in thickness with 400SC

When installing over concrete substrates, concrete layer 7400 and 400 are not applicable unless additional sloping is required.

Primer #100 - may be used to prime surfaces prior to resin coat at approx. 100sf per gallon

Resin coat - AVM Base resin #100 applied at 40-50sf per gallon over reinforcing mat 100(fiberglass) or 800(polyester) Overlap seams approx. 2" in a shingled fashion to allow for water to freely evacuate the surface

Wear Surface (Crete 6200) - Approx 1.0 -1.25 gallons of additive 7400 to 1 bag of Aggregate 200. 40 sqft per bag at 1/8" thick.

(Overall wear surface to be a minimum 1/8")

(Optional Texture) Texture Coat - 1.5 gal additive 7400 to 1 bag of 100TX at approx. 150-200 sf per batch (may vary pending texture)

(TX100 in buckets 2 gal or 5 gal) is a premix acrylic texture ready to shoot) may be used as alternate to 100TX and additive

Topcoat Acrylic Sealer - (clear, standard color, custom color available) Sealer 4150 is installed at 100-120 sf per gallon

Topcoat is optional over the wear coat. If the texture is being installed topcoat is required.

General notes

A minimum 1" crown x 5/8" 16 ga noncorrosive staples shall be used.

Acripatch may be used for feathering in flashing detail, plywood seams, bug holes, voids, cracks or spalls in concrete substrates.

AVM Crete may be installed over uneven concrete to allow for suitable substrate.

Primer 100 is not required over properly prepared substrate.

Should sloping be required it may be achieved in the concrete layer application. Should it exceed 1" please consult with AVM Representative for options.

CAUTION:

This is a general guideline to help ensure quality of application and installation of AVM Forevercoat 100 and may vary pending jobsite conditions, details, specifications and/or requirements by design team

- All specifications and application instructions should be reviewed prior to the start of any project.
- Do not allow products to freeze.
- When multiple batches of color sealers are being installed box all materials prior to use to ensure color consistency.
- When Products are being installed at temperatures below 50 degrees and falling or 90 degrees and rising curing times may be affected.
- If inclement weather threatens all decks should be protected
- **APPROVAL AND VERIFICATION OF PROPOSED TEXTURE AND COLOR IS RECOMMENDED PRIOR TO THE START OF ALL PROJECTS**

A mockup is always recommended prior to full system application

Be aware that this document does not attest to the complete installation of the product. This is a simple review of the general installation of the product at the time of review. It does not attest to the complete installation of the system, nor does it take responsibility for the installation of the product. All comments noted above are recommendations and do not list all the installation requirements. This site summary is not intended to replace a proper third-party inspection. For complete installation instructions and requirements please visit www.avmindustries.com.