



# AVM System 520/620p Hybrid Pedestrian Traffic Coating Quality Control Checklist

|                      |                 |                 |
|----------------------|-----------------|-----------------|
| <b>PROJECT NAME:</b> |                 |                 |
|                      |                 |                 |
| <b>DATE:</b>         | <b>WEATHER:</b> | <b>REPORT#:</b> |
|                      |                 |                 |

| 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 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 framing is there enough room to achieve ¼" per ft 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 AVM 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  |     |    |     |       |
| 12                | Have plywood seams been addressed with 6" reinforcing embedded in either 520 or Ausie Seal M                                   |     |    |     |       |

**COMMENTS:**



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| CONCRETE SUBSTRATE |   | YES | NO | N/A | NOTES |
|--------------------|---|-----|----|-----|-------|
| 1                  | Is concrete minimum 2" with 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                  | ¼" slope to drain confirmed, if deck does not have sufficient slope in structural is there enough room to achieve ¼" per ft slope |     |    |     |       |
| 7                  | Are there a sufficient number of drains for the area being waterproofed   |     |    |     |       |
| 8                  | Are the drains the correct type of drain(deck drains)   |     |    |     |       |
| 9                  | Have all cracks, voids, spalls and/or voids been addressed  |     |    |     |       |
| 10                 | Have all plywood seams been addressed using fabric reinforcing  |     |    |     |       |
| 11                 | Are all fasteners flush or slightly counter sunk  |     |    |     |       |
| 12                 | Is substrate clean and free of any foreign matter   |     |    |     |       |
| 13                 | Are expansion joints present  |     |    |     |       |
| 14                 | If expansion joints and/or cold joints are present reach out to your local AVM Representative                                     |     |    |     |       |
| 15                 | Will a primer and parge coat of AVM Crete be installed over concrete imperfections  |     |    |     |       |

**COMMENTS:**



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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 4" 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:**

## GENERAL AUSSIE COAT 520/620P

**Primer Coat** – AVM Primer #401 – (Optional) for improved adhesion or questionable substrates @ approx. 300sf per gallon

**(ALT) AVM Gas-Lock** – 420 primer @54sf per gallon may be used for moisture/methane applications over concrete substrates. (30mils)

**Base Coat** – 520 installed @ approx. 58 sf per gallon/24 dry mils (Base may be installed in 1 or 2 lifts)-See application instructions for full details.

**Topcoat** – 2nd coat 620AL installed at 100 sf/16 wet mils per gallon.

**Broadcast** – kiln dried silica mesh uniform at a rate of 15-25lbs per 100sf while coating is fluid and back roll

## 3 COAT SYSTEM/SAND BROADCAST TO REFUSAL

**Primer Coat** – AVM Primer #401 – (Optional) for improved adhesion or questionable substrates @ approx. 300sf per gallon

**(ALT) AVM Gas-Lock** – 420 primer @54sf per gallon may be used for moisture/methane applications over concrete substrates. (30mils)

**Base coat** – 520 installed @ approx. 58 sf per gallon/24 dry mils (Base may be installed in 1 or 2 lifts)-See application instructions for full details.

**Intermediate Coat/Binder Coat** – 620AL at a rate of 200sf per gal /8 wet mils

**Broadcast** – kiln dried silica sand to refusal in intermediate/binder coat

**Topcoat** – Apply 620AL at a rate of 200sf per gal /8 wet mils)

### General notes

Acripatch may be used for plywood seams or bug holes, voids, small cracks and spalls in concrete substrate.

For larger cracks Aussie Seal M may be installed

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

Primer 401 is not required over properly prepared substrate.

Do not mix more 620AL than can be squeegeed out within 20 minutes

Always use mil gauge or grid lines to achieve proper thickness

### CAUTION:

This is a general guideline to help ensure quality of application and installation of AVM 520/620P 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 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](http://www.avmindustries.com).*