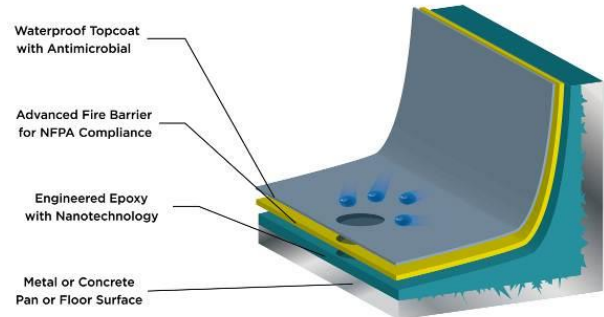


AQUIS CPR-1 System Specification – (Pitched System)

Installation surfaces shall be cleaned and prepared for installation including the removal of loose rust/corrosion, patching of holes, reinforcement of structurally compromised areas and removal of any identified non-compliant coatings or foam.

For condensate pans and floors requiring re-sloping for the elimination of standing water, AQUIS CPR-1 Composite Coating System shall be installed:

- Installation surface shall be mapped with AQUIS LaserSlope System in order to position guides to guarantee proper slope. *AQUIS CPR-1 Epoxy* shall be installed on installation surface at pitch of 0.25" per linear foot to drain to in compliance with ASHRAE 62.1 to eliminate standing water, seal surface and halt corrosion.
- *AQUIS Fire Barrier* shall be installed over all epoxy to ensure compliance with NFPA 90A and tested under ASTM E84.
- *AQUIS Antimicrobial Top Coat* shall be installed over all fire barrier to ensure watertight surface and provide an active antimicrobial surface in compliance with EPA requirements for HVAC applications.



The proper configuration of condensate drains and P-traps shall be verified and corrected as needed and new drains and properly configured P- traps shall be installed as necessary to ensure proper drainage of condensate water. The air handling unit shall be tested for proper drainage prior to re-commissioning. **AQUIS CPR-1** shall be installed only by Certified AQUIS Installers.

Additional Specifications:

Slope of Finished Surface: 0.250 inch per linear foot (target), complies with the ASHRAE 62.1 requirement of 0.125 inch per linear foot

Surface Burning Characteristics (ASTM E84 per NFPA 90A):

- Flame Spread Index: 15 without continued progressive combustion
- Smoke Developed Index: 30

Surface Adhesion:

- Pull Off Strength (ASTM D4541): 480 PSI
- Crosshatch Test (ASTM D3359): 5b (No Failure)

Volatile Emissions: Negligible volatile organic compounds (VOCS)

Odors: Very low odor

Cure Time: 4 hours or less until unit may be restarted

Active Antimicrobial: EPA approved for HVAC use



Color: White or Gray

Installation Time: Typically installed in 2 separate 6 to 8 hour work sessions with the ability to resume air handler service immediately after each work session

AQUIS Sole Source Information:

- U.S. Patent No.: US 8,790,780 (7/29/14) and US 9,528,721 B2
- EPA Registration No. 43670-01, 43670-02
- GSA Contract Number: GS-21F-0151X