

PROPERTIES

Slope of Application:

0.250 inch per linear foot (target), complies with the ASHRAE requirement of 0.125 inch per linear foot

Weight:

4.5 lb per square foot based on an average installed thickness of 0.75 in

Surface Burning Characteristics (ASTM E84):

Flame Spread Index: 15

Smoke Development Index: 30

The AQUIS CPR-1 System is in compliance with the National Fire Protection Association (NFPA 90A) and its 25/50 requirement

Surface Adhesion (ASTM D4541-02 & ASTM D3359-02):

Pull-off Strength: 480 psi

Cross Hatch Test: 5B (no failure)

Installation Time:

Typically installed in 2 separate 4 to 8 hour sessions with the ability to resume air handler service between sessions

Volatile Emissions:

Zero volatile organic compounds (VOCs) are released during or after the installation of the CPR-1 System

UV Compatibility:

Fully compatible for use in air handling units with UV lamps installed

Color: Light gray or white

U.S. Patent Nos.: US 8,790,780 (7/29/14) & and US 9,528,721 B2 (12/27/16)
EPA Registration No. 43670-01, 43670-02, acceptable for HVAC applications

CPR-1 DESCRIPTION

AQUIS CPR-1 is a proprietary multi-layer system developed for the rehabilitation of problematic condensate pans in commercial and industrial HVAC systems. CPR-1 both seals and pitches the condensate pan and chamber floors, which addresses damaging water leaks and other common condensate water management issues. CPR-1 incorporates a cutting-edge nanotechnology which halts rust and corrosion of structural steel and increases the service life of your mechanical air handling unit. Through the removal of standing water and an active antimicrobial surface, CPR-1 also drastically reduces the presence of pathogenic biological agents such as Stachibotrys (black mold), Legionella and Aspergillus.

CPR-1 facilitates the routine maintenance of mechanical air handling units by providing structure to otherwise unstable floors and by improving the cleanability of the condensate pan and floor surfaces.

The installation of CPR-1 is completed with minimal equipment downtime and with no detectible odors or volatile organic compounds (VOCs) during or after the installation. Furthermore, installation of CPR-1 does not require the removal of cooling coils, supply fans, motors or the condensate pan itself.

CPR-1 is the only system of its kind that is fully compliant with all applicable regulations for use in HVAC systems as defined by the National Fire Protection Association (NFPA 90A), the International Mechanical Code (IMC), the American Society of Heating Refrigeration and Air-Conditioning Engineers (BSR/ASHRAE/ ASHE 170P), and the Environmental Protection Agency (EPA).