

096700S01 FLUID APPLIED FLOORING - AHU/Mechanical Room Flooring Waterproof Coating

INFORMATION:

This standard is for providing guidelines for waterproofing of built-up air handling equipment (AHU) placed in mechanical rooms to prevent leakage and damage to spaces below the mechanical rooms. All interior plenum sections of the AHU should be coated in the manner described below. The standard should apply to any changes, modifications or improvements to existing units sitting on a concrete floor.

PROCEDURE:

1. Grind floor with Diamond Bladed Grinder.
2. Patch cracks with Epoxy Fast Set Resin.
3. Apply primer coat of epoxy base coat at a rate specified in the manufacturer's instructions at floor surface and curbs.
4. Install 6" mesh base where floor and curb meet.
5. Apply two coats of epoxy finish coat as specified by the manufacturer.

MATERIALS:

One of the following materials is acceptable for use in this application:

1. Sherwin Williams – 'Armor seal 650'
2. Simiron 1100 SL 100% solids epoxy. This is a 2 part epoxy coating.
3. Neoguard Urethane Deck Coating. Product # 70714 is the A component. #70715 is the B component.