

SECTION 09 67 16 (09750) – EPOXY FLOORING**PART 1 – GENERAL**

Seamless troweled epoxy flooring is appropriate at animal holding rooms, animal surgery rooms, autoclave, glass wash rooms, cart wash rooms and hazardous storage rooms. Verify use in other wet locations with WUSM Design and Construction.

PART 2 – PRODUCT

- A. Integral epoxy cove base 4" high on all walls bordering the epoxy flooring.
- B. Provide aggregate to flooring to insure proper slip resistance and impact resistance to meet WU Department requirements. Sample is to be approved by users.
- C. Provide a troweled epoxy resin formulation resistant to acids, chemicals, solvent and food fats to meet WU Department requirements.
- D. Install to a thickness of no less than 3/16"
- E. Colors are to be selected from the Manufacturer's standard colors.
- F. Reference Section 06010 – Requirements for a volatile material.

PART 3 – INSTALLATION

- A. Installer is to have at least 5 years experience.
- B. Convene a pre-application meeting two weeks before the start of application of floor coating.
- C. Verify the requirements of the concrete substrate as to the type of concrete, moisture content, type of curing and temperature of concrete.
- D. Cover cracks in concrete substrate in accordance with Manufacturers instruction and prime as require
- E. Install one or two coats (depending on wear resistance) of Epoxy flooring and base to produce a monolithic wearing surface in the entire room before installing the casework and equipment.
- F. New construction - Contractor Is to perform moisture tests to verify that the substrate meets the manufacturer's recommended moisture content before installation.
- G. Existing concrete - Roughen surface, clean, patch cracks and fill holes as required to comply with the manufacturer's recommendations.
- H. Provide control and isolation joints as recommended by Manufacturer.
- I. WU must approve the method of exhausting the air during the installation and drying process due to the high VOC rating. Work might have to be done during non-business hours.

END OF SECTION