1.0 GENERAL

1.1 Related UBC Guidelines

.1 Section 09 00 10 Finishes – General Requirements

1.2 Description

.1 Waterproof membrane flooring and base to be applied at all Mechanical Rooms (see 2.1.1.2), Penthouses, and similar locations where leaks in building systems may occur and cause water damage, such as to floors below. Chosen system to have been specifically designed for this purpose.

.2 Waterproof traffic topping as corrosion protection for all concrete parking slabs. Chosen system to have been specifically designed for this purpose.

1.3 Quality Control and Assurance

.1 Submittals
   .1 MSDS data sheets; installation instructions.
   .2 Sample, to include base upturn; color samples for selection.
   .3 Maintenance data and instructions.

.2 Quality Assurance
   .1 Manufacturer licensed applicator.

.3 Quality Control
   .1 Strictly conform to Manufacturer written instructions, including preparation of substrates.

2.0 MATERIALS

2.1 Performance Requirements

.1 Membrane Flooring for Mechanical Room Floors
   .1 Urethane elastomeric solvent-free liquid-applied seamless waterproof flexible flooring, extended up to a suitable uniform height. System typically consists of a primer, primary coating, and colored top coat. Min. 40 mil dry thickness. Suggested manufacturers are Sika, BASF, and Tremco.

.2 Traffic Topping
   .1 A waterproof traffic coating consisting of a flexible, liquid applied, elastomeric membrane topped with a liquid applied polyurethane wearing course containing hard aggregates and a urethane topcoat.
   .2 The system to be totally water-proof, flexible and thermally compatible with the concrete substrate under applicable service conditions. The system to exhibit zero chloride permeability when tested in accordance with the test procedure developed by the Portland Cement Association.
   .3 Finished surfaces to be skid resistant, wet or dry.

2.2 Environmental

.1 Life Cycle Costing
   .1 25-Year.

***END OF SECTION***