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Standard Guide for Use of High Solids Content, Cold Liquid-Applied Elastomeric Waterproofing Membrane with an Integral Wearing Surface¹

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1. Scope

1.1 This guide describes the design and installation of cold liquid-applied elastomeric waterproofing membrane systems that have an integral wearing surface. The cold liquid-applied elastomeric waterproofing membrane (membrane) to which this guide refers is specified in Specification C 957.

1.2 *Concrete Slab-on-Grade*—Waterproofing the upper surface of a concrete slab on grade presents special problems due to the possibility of negative hydrostatic pressure causing loss of bond to the substrate. Consideration of these problems is beyond the scope of this guide. Consult the membrane manufacturer for recommendations when this situation exists.

1.3 The committee having jurisdiction for this guide is not aware of any similar ISO standard.

1.4 The values stated in SI units are to be regarded as the standard. The values given in parentheses are for information only.

1.45 *This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use.* For specific hazard statements see Note in 15.4.

2. Referenced Documents

2.1 *ASTM Standards:*

C 33 Specification for Concrete Aggregates²

¹ This guide is under the jurisdiction of ASTM Committee C-24 on Building Seals and Sealants and is the direct responsibility of Subcommittee C24.80 on Building Deck Waterproofing Systems.

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