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Standard Specification for Chemical-Resistant Resin Mortars¹

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1. Scope

1.1 This specification covers the requirements for chemical-resistant resin mortars for bonding chemical-resistant brick or tile. Mortars of this group generally have better physical properties and resist a wider variety of chemicals than inorganic mortars. For the use of these materials, see Practice C 399.

NOTE 1—Resin mortars and grouts are differentiated as follows: resin mortars are troweled onto the brick or tile, generally in sufficient quantity to achieve a 1/8-in. (3-mm) thickness before thick joint after the brick or tile are laid in place (buttering or bricklayer's method). Resin grouts are applied to the joints, generally 1/4 in. (6 mm) wide, after the brick or tile are set in place and the setting bed has hardened (grouting or tilesetter's method). Refer to Specification C 658.

1.2 The values stated in inch-pound units are to be regarded as the standard. The values given in parentheses are for information only.

1.3 *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.*

2. Referenced Documents

2.1 *ASTM Standards:*

¹ This specification is under the jurisdiction of ASTM Committee C-3 C03 on Chemical-Resistant Nonmetallic Materials and is the direct responsibility of Subcommittee C03.02 on Mortar and Monolithics.

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