

**S-1 (3107) MASONRY MORTAR**

**REVISED XX/XX/XX ◀ DO NOT REMOVE THIS "REVISED" DATE. IT NEEDS TO STAY IN FOR THE CONTRACTORS.**

**Use on all Projects; correction to Standard Specifications for Construction, 2020 Edition**

SP2020-XXX

S-1.1 Delete and Replace MnDOT 3107 with the following:  
3107.1 SCOPE

Provide masonry mortar for use in utility/sewer and other applications.

3107.2 REQUIREMENTS

A Utility/Sewer Application

Provide a preblended, dry, air-entrained, bagged mortar mix designed for utility/sewer applications from the approved source listed on the Approved/Qualified Products List, meeting the requirements of ASTM C270, Standard Specification for Mortar for Unit Masonry and ASTM C1714, Standard Specification for Preblended Dry Mortar Mix.

Mix the preblended bagged mortar mixture onsite for the minimum time stated by the manufacturer. Do not exceed the manufacturer allowable mixing water. If the manufacturer does not recommend a minimum mixing time, mix the preblended bagged mortar mixture for a minimum of 5 minutes. The Engineer will not allow retempering the mortar mixture and will reject mortar mixtures not placed within 60 minutes of mixing.

B Applications Other Than Utility/Sewer

For applications other than for utility/sewer, provide masonry mortar in accordance with ASTM C270, Standard Specification for Mortar for Unit Masonry, based on the type of mortar required by the Contract. Mix in accordance with the manufacturer's recommendations.

For site mixed masonry mortar using bagged masonry cement, submit to the Engineer a statement of compliance meeting the requirements of ASTM C91, Standard Specification for Masonry Cement. Label the type of masonry cement, either Type S or Type M, on each bag.

3107.3 SAMPLING AND TESTING

Provide samples for site mixed masonry mortar as required by the Contract.