



# PRODUCT DATA SHEET

## Description

Glen-Gery Type S Mortar is a Portland cement / hydrated lime preblended mortar that exceeds ACI 530 code for masonry mortars. Glen-Gery Type S Colors utilize standard preblended mortar with pigments added to comply with ASTM C979 Standard Specification for Pigments in Integrally Colored Concrete.

## Materials

Glen-Gery Type S Mortar conforms to ASTM C270 table 1 or table 2 mortar proportions or property requirements. It is manufactured using ASTM C150 Portland Cement, ASTM C207 Hydrated Lime for Masonry, and dried Mason's Sand complying to ASTM C144 Standard Specification for Aggregate for Masonry Mortar.

## Benefits

**Consistency** – All ingredients are weighed, batched, and completely blended by automated equipment to within 1% accuracy

**High bond strength** is gained through increased workability and ease of placement of the mortar, plus the consistent cement-to-aggregate ratio obtained by using preblended mortar

**Extended mortar board life**

**Increased yield** compared to field mixed mortar

## Uses

Glen-Gery Type S Mortar is intended for use where a consistent product is required. Glen-Gery Type S Mortar is recommended for exterior or interior use, above grade, for load bearing and non-load bearing construction. Glen-Gery Type S Mortar can be used to install brick, block and stone per the architect's specification. Glen-Gery can add pigments to its Type S Mortar to create a customized colored mortar to meet architectural specifications.

## Installation

Mortar should always be mixed to a firm, moist consistency. A mix that is too dry and crumbly will not provide the proper bond. AVOID A SOUPY MIX. Mortar that is too wet will be weak and will not provide adequate bond. The retempering of colored mortar will alter the color appearance of the mortar joint plus may reduce bond and compressive strength. Any material that begins to harden in the mortar pan should be discarded and a new batch should be made using the same amount of water as the previous batch for consistent color. Wind, temperature and absorption rate of the masonry unit affects performance and working time. In cold weather, use warm water to accelerate the set. In hot weather, use cool water to slow set.

**Note: Water with a high mineral salt content can cause efflorescence. Efflorescence occurs naturally and is beyond the control of Glen-Gery.**

## Packaging & Storage

Glen-Gery Type S Mortar is available in 80 lb. bags. The product contains cement and should be covered to protect from weather.

## Certification & Quality Control

Glen-Gery certifies that its Type S Mortar when shipped from its plant, terminals or distributors will meet the current requirements of Specifications for ASTM C270. Certified test reports based on ASTM requirements are available from the manufacturer. Particular mix designs for the product is proprietary information which may be submitted at the discretion of Glen-Gery. Wash down to be performed by a qualified contractor using a proprietary cleaner such as Diedrich or Vanitrol and applied per the manufacturer's recommendation. No unbuffered muriatic acid allowed. The company makes no guarantee of finished work. The user is responsible for following recommended practices.

## Safety Precaution

KEEP OUT OF REACH OF CHILDREN AND ANIMALS. Product is alkaline and may burn or irritate upon contact with eyes or skin. Do not take internally. Use of safety goggles, rubber gloves and dust respirator is recommended. Avoid prolonged contact with clothing. This product contains crystalline silica. Take measures to contain and reduce dust. Prolonged exposure to crystalline silica may cause silicosis or other serious delayed lung injury. Avoid breathing dust. For prolonged exposure wear a respirator approved for protection against crystalline silica dust. Crystalline silica has been classified by IARC and NTP as a carcinogen.

## Warranty

LIMITED 1 YEAR WARRANTY FROM DATE OF MANUFACTURE: Glen-Gery warrants that this product and the materials used therein meet or exceed the applicable standards listed and enforced at the time of manufacture. Glen-Gery will replace any product or part which proves defective due to quality of ingredients used or due to the manufacturing process itself. This Warranty shall apply only if the product is used in strict accordance with applicable specifications and instructions provided by Glen-Gery for its use, and Glen-Gery shall not be liable otherwise. Replacement of any defective product, or, at Glen-Gery's option, refund of the purchase of any defective product shall be the buyer's sole remedy under this Warranty, and Glen-Gery shall in no event be liable for any damages in excess of the purchase price of the defective product. GLEN-GERY SHALL IN NO EVENT BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL OR SPECIAL DAMAGES INCLUDING LOSS OF PROFITS OF ANY KIND. Product demonstrations are done for illustrative purposes only and do not constitute a warranty or warranty alteration of any kind. This Warranty constitutes the sole warranty given by Glen-Gery in connection with this product. No modification of this Warranty in favor of any buyer shall be valid unless given in writing and signed by an officer of Glen-Gery. Glen-Gery has authorized no person to make or give any other warranties or representation, oral or written on its behalf. IN PARTICULAR, THERE ARE NO IMPLIED WARRANTIES, INCLUDING WITHOUT EXCEPTION WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.



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