



Mortar Matching Custom Blending

The U.S. Heritage Group is pleased to be able to offer you our Mortar Matching and Custom Blending Service Package B. Through this service, we carefully analyze a sample of your existing mortar, and then custom-blend replacement mortar based the results. **In a matter of weeks, U.S. Heritage Group will send you a precisely matched mortar formulation, with all the historic ingredients preblended in one package.**

To begin the process, we visually inspect the mortar sample you have sent us. We categorize it using our master color and ingredient chart, organized by date of building construction, and then chemically take it apart. Once the sand is separated, we place it on a gradation chart so that it can be precisely matched with sand selected from our national sand library.

In preparing your custom replacement mortar, we carefully reproduce the original sand void ratio. This guarantees a proper balance between lime and sand, and delivers a superior homogenous mix. For mortar formulations that include lime putty, we use our specialized Heritage Pan Mortar Mixer. This Austrian-designed mixer produces a superior mortar by compressing lime putty and sand together, so that all particles are evenly coated.

Once the laboratory sample has been fully mixed and cured, we send it for your visual approval. You will also receive a ready-to-use 10-pound sample of your custom replacement mortar. This should be installed in your wall by a qualified mason. (To ensure the mason's full and complete understanding of the correct repointing methods and curing conditions for historic lime mortars, we strongly recommend attendance at one of our Lime Mortar Workshops.) Once installed, the sample should cure in the wall for a minimum of 7, but preferably 14, days before final approval of a material match.

DELIVERY SCHEDULE

You will receive your report and custom mortar sample approximately three weeks after we receive a sample for your existing mortar.

MATERIAL COST

Once you have approved the initial mortar sample, we will ship your custom replacement mortar mix at a cost of \$43.95 per 3.5-gallon bucket. Shipping is not included in the price of the product. If you need additional mortar in the future, simply reorder the same custom blend using your project number. More will be shipped to you promptly, with no additional testing required.

COVERAGE

Repointing - 200 lineal feet per 3.5-gallon bucket or 36 square feet in a standard brick wall with a mortar joint size of 3/8" cut to a depth of 1". Coverage will vary.

\$740 per sample