

Saint-Astier (Since 1851)

LITHOMEX

**FOR PROFESSIONAL MASONRY RESTORATION
AND SUSTAINABLE BUILDING SYSTEMS**

CUSTOM BRICK AND STONE PATCHING MATERIAL

- Based on NHL Binders
- High Water Vapor Transmission Rate
- Excellent Modulus of Elasticity
- Easy Mixing On-Site
- Appropriate for Casting Replacement Masonry Units or Recreating Lost Details
- Endless Color Possibilities
- Consistent Color & Composition
- Carving Allowed Immediately or Weeks After Installation
- Does Not Harm Existing Masonry
- Reversible

Specially formulated mortar based on Natural Hydraulic Lime (NHL) and aggregates for the repair or simulation of brick, stone and terracotta. Lithomex is a breathable patching material that won't trap moisture in the host stone, like many competing products which allows patches to delaminate. No building stone has a higher Water Vapor Transmission Rate than cured Lithomex, making it work as a catalyst to process water out of the host stone, for long lasting repairs.

Repairing damaged stonework begins by identifying and understanding the reasons for decay. The usual reasons include excessive moisture, poor repairs, mechanical damage, and natural erosion. A major reason for new damage is inappropriate repairs with poorly designed patching material. Dense pointing mortars and Ordinary Portland Cement (OPC) based repair materials are very damaging to soft stone.

Excellent Water Vapor Transmission Rate means that the repair can breathe, leading to better frost resistance. Interconnected open-pore structure processes water coming against the cured wall to disperse water across its surface area which is key to quickly drying out a wall before penetration into a substrate. Excellent Modulus of Elasticity is the ability to deflect and recover in movement.

A patching material must match the color and texture of the existing stone. It must adhere well, be breathable and have similar thermal expansion and weathering characteristics. Lithomex fulfills these requirements in most cases and, when applied by skilled craftsmen, will lend itself to a perfect match.

Lithomex is available as neutral white or pre-colored mortar available in 24 stock, and unlimited custom colors. Contact us to discuss using Lithomex on your project.

Send us a sample from your project or building in order to obtain a custom simulation tile. The simulation tile comes with a quart of the dry custom material. A sample quart should be installed for your approval of the final color, texture and tooling when recreating missing or damaged brick and stone detailing, before ordering a larger quantity of custom material.



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