Ecologic® Mortar is a pre-blended, dry material ready to use by mixing with just water. It contains NO harmful Portland Cement or GGBS additions when considered for use in discriminating historic restoration or new sustainable applications. Made of Natural Hydraulic Lime (NHL), sand, and pigments. Ecologic™ Mortar is not to be confused with any mortar which is termed as containing “Hydraulic Lime (HL)” which could cheaply be classified as ‘hydraulic’ with the addition of Portland cement or Granulated Ground Blast Furnace Slag (GGBS) added to regular Type “S” lime and sand. Unwanted GGBS is an industrial waste product, possibly containing heavy metals of Chromium VI or Vanadium. Sulfur turns blue/green from the unsuitable salt introduced into masonry. Sulfur off-gasses a slight rotten egg smell and FeSO₄ and MnSO₄ which is not desirable for the environment. Pure NHL used in Ecologic™ Mortar however is from a natural deposit of material with positive, predictable and historically reliable results.

Ecologic™ Mortar is for use as a lime mortar, plaster, or stucco for interior and exterior applications. Ecologic™ Mortar is used for repointing new or historic brick and stone, repairing damaged lime plaster or stucco in either new, vintage, or even alternative buildings like straw bale houses. See Ecologic™ Plaster Cut Sheet for more extensive plaster options.

Excellent Water Vapor Transmission Rate means that the wall can breathe, which leads to better in-door air quality. Interconnected open-pore structure processes water coming against the cured wall to disperse the water across surface area and quickly dries out a wall before penetration into a substrate when installed correctly. Ecologic™ Mortar has an excellent Modulus of Elasticity which is the ability to better deflect and recover in movement, as opposed to unyielding Portland Cement-based mortars. Self-healing of Ecologic™ Mortar is due to crystallization and bridging of the free lime content if fissures were to open.

No Portland Cement, GGBS, VOCs, and less than 1% damaging, expanding Gypsum are found in any part of Ecologic™ Mortar products. Ecologic™ Mortar is a dry powder which comes in 8 stock colors, supplied in 38.5lb bags or 5-gallon pails containing 38.5lb of custom colored (structural) lime mortar. Simply add water, mix and go to work.

Contact us to discuss your project. Send us a sample from your project or choose a Pantone®, Benjamin Moore®, or Sherwin-Williams® color for us to simulate the final color of your custom Ecologic™ Mortar.