

Saint-Astier (Since 1851) Natural Hydraulic Lime (NHL)

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

- Pure & Naturally Occurring
- High Vapor Permeability
- Excellent Modulus of Elasticity
- Sulfate Free
- Resistant to Sulfate Attack & Alkali-Silica Reaction
- Low Carbon Footprint
- Allows Reuse of Masonry
- LEED Friendly
- Conforms to ASTM C-141
- Autogenously Healing

Saint-Astier Natural Hydraulic Lime (NHL) is an industry standard used for historic restoration mortar, stucco, and plaster with NO harmful Portland Cement present or required to make NHL work. St. Astier NHL is pure and natural, free of additives and has been in use throughout the world for over 150 years.

The same unique deposit of limestone located in Saint-Astier France was used by the Romans for structures that still stand today throughout southern Europe. St. Astier NHL is environmentally friendly, requiring significantly less embodied energy in production compared to manufacturing Portland Cement. During curing, St. Astier NHL actually continues to absorb carbon dioxide from the atmosphere throughout its lifecycle, further reducing its carbon footprint.

Breathability of building fabric is one key to a successful repair for historic masonry or sustainable new construction projects. St. Astier NHL has low capillarity and high vapor permeability. In independent studies, St. Astier NHL has shown to have higher levels of vapor permeability than all mortar mixes containing any amount of Portland Cement. This remains true while also achieving adequate strengths for many applications without the need to add other Cements or Pozzolans.

St. Astier NHL has an excellent Modulus of Elasticity. Unlike Portland Cement-based mortars, St. Astier NHL mortars limit the requirements for control joints or weep holes for curtain or veneer walls.

Contact us to discuss your project. Send us a sample from your project or building for a color simulation and consultation.



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