



# VOIDSPAN

300 Series

## PHLc Fine Pointing Mortar

### PRODUCT DATA SHEET

#### Description/ Uses

*VoidSpan PHLc Fine Pointing Mortar* is a breathable, low shrinkage, fine-textured mortar for use in pointing of narrow joints in older masonry structures. Based on a pozzolanic hydraulic lime (designated “PHLc”) as per ASTM C1707, it is a low-to-moderate strength material.

#### Mixing

Add water to achieve the proper consistency, creating a mortar that is slightly stiff but pliable enough to be pushed into the pre-damped joints, hand mixing for 1 to 2 minutes. You may adjust the mix by adding additional water or powder during mixing to achieve the desired paste-like consistency. If colored mortars are required, alkali-stable pigments may be added to the dry powder at a maximum of 2 grams per 100 grams of *PHLc Fine Pointing Mortar*.

**Working Time:** Up to 60 minutes; do not re-temper after 60 minutes.

#### Placement

Follow ASTM E2260 for preparation and procedures when cutting and pointing.

Maintain completed work in a damp state for at least 48 hours, and protect from rain and wind. Keep temperatures above 40 degrees F for at least 7 days, and above freezing F for at least 14.

Clean-up in a similar manner to any lime-rich mortar, following sufficient hardening time. This can be done with a damp sponge, or with small damp brushes.

Follow ASTM E2260 for preparation and procedures when cutting and pointing. *VoidSpan PHLc Fine Pointing Mortar*, which has a special pre-blended sand, may be used to fill joints with widths of as little as 1/16” where mortars with standard mason’s sand cannot penetrate.

Maintain completed work in a damp state for at least 48 hours, and protect from rain and wind. Keep temperatures above 40 degrees F for at least 7 days, and above freezing for at least 14. Clean-up is similar to that for any lime-rich mortar, following sufficient hardening time. This can be done with a damp sponge, or with small damp brushes.

## Chemical and Physical Properties

Chloride content by weight of binder:	< 0.002%
Compressive Strength:	5.33 MPa (775 psi) at 28 days

## Cautions/ Limitations

- Do not use on unclean, friable, or excessively dry and/or absorbent substrates. Apply when air temperatures are between 5 degrees C (40 degrees F) and 32 degrees C (90 degrees F) prior to and for at least 7 days after placement.
- **This product is highly alkaline and may contain very small amounts of crystalline silica as inhalable dust. Exercise care in using this product, along appropriate eye, skin and breathing protection. Consult the Safety Data Sheet for additional information.**

## Installer Responsibility

It shall be the Installer's sole responsibility to use good judgment and experience in installing this material and to conform to all Cautions and Limitations, and all requirements that are noted or referenced herein.