



**PRECISION STONE PRODUCTS, INC.**

**- QUALITY PRODUCTS MADE WITH PRECISION**

## TECHNICAL INFORMATION

### **OVERVIEW:**

**Precision Stone** is a manufactured synthetic stone made to resemble natural stone in shape, size and detailed texture. The stone is cast into handcrafted molds and is comprised of a combination of **Portland cement, lightweight aggregates, and mineral oxide color pigments**. These ingredients are all found as components of natural stone. The color pigments become an integral part of each individual stone during the production process resulting in **no undesirable color change even after years of weathering**.

### **LIMITATIONS:**

All products are intended **for non-structural use**, requiring no footings or special foundations. The stone can be applied to practically any structurally sound surface, but will not add any strength to the load-bearing capacity of the wall. Please refer to our installation instructions for further details. None of the materials are intended for and **will not hold up to foot traffic**.

**Precision Stone Products** recommends grouting joints on all exterior applications, especially in harsh climates.

### **CLEANING:**

Do not sandblast, pressure wash, or use any acidic compounds to clean the stone. Similar to other cement products, under certain weather temperatures and conditions, the stone may show signs of efflorescence. Efflorescence is a common occurrence and can be remedied with the use of a non-metallic stiff bristle brush along with a mild solution of no more than 1 part white vinegar to 5 parts water. The area should be rinsed with clean water to remove any detergent from the surface.

### **REPRESENTATION:**

A slight variation in stone color may occur due to variations in certain input components which are acquired from outside sources and used in the production process. At **Precision Stone**, we work hard to accurately depict realistic colors on our website and literature. Actual stone colors may vary depending on the type of computer monitor being viewed or printing preference used.

**Prior to making your final color selection, we recommend that our customers see the stone in person by visiting their closest Precision Stone dealer.**

### **TESTING:**

Our products are designed to meet or exceed all major building code requirements and have been tested by an independent laboratory in accordance with ASTM specified guidelines.

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| * Compressive Strength: (ASTM C-39) | > 1800 PSI                              |
| * Water Absorption: (ASTM C-67)     | < 15%                                   |
| * Tensile Strength:                 | Tested in accordance with ASTM C-496    |
| * Thickness:                        | 1.5" – 2.5" (depending on profile)      |
| * Unit weight:                      | < 15 lbs. per square foot               |
| * Fire rating:                      | Zero flame spread, zero smoke developed |