

**Product Name**

Bas-Relief Architectural Ornaments from Manufactured Stone: **SCULPTSTONE™**

**Manufacturer**

Pineapple Grove Designs  
 Post Office Box 1121  
 Boynton Beach, FL 33425  
 Phone: 800-771-4595  
 Phone: 561-588-8920  
 Fax: 561-586-0845  
 eMail: info@pineapplegrove.com

**Product Description**

**Use:**

Product is intended for interior or exterior nonstructural ornamentation on masonry, metal or frame construction for architectural aesthetics.

- Walls of new construction, exterior or interior
- Remodeling and redecorating of existing walls, exterior or interior

**Limitations:**

Should not be assumed to add strength to load-bearing capacity of wall.

**Composition and Finish:**

SculptStone™ product has a stone appearance and consists of a cementitious (cement/aggregate/coloring) mix composed of low CO<sub>2</sub> cements, natural silicates and ±20% post consumer glass and aggregates. SculptStone™ product is available in the following twelve colors:

- Alluvial Sand
- Beach Stone
- BrownStone
- Brick Red
- Coastal Ivory
- Concrete Grey
- Coral Sand
- Glacier Grey
- Patina Green
- Pure Pearl
- Terrain Taupe
- Terra Clay

Purchaser may elect to paint, seal or otherwise finish SculptStone™ similar to any other cement based product.

**Organization of Design Elements:**

Each design is available in multiple sizes of square, circle and half-round medallions as well as keystone shapes. Designs are also available in friezes with a variety of frame combinations

for horizontal and vertical banding applications. Multiple elements can be combined to reinforce any architectural theme.

These original designs are protected by U.S. Copyright. Unlawful duplication is prohibited.

**Shapes and Sizes:**

The following shapes and sizes are available in SculptStone™:

MEDALLIONS		
Shape	Size	Weight
Square	7 5/8" x 7 5/8"	4 Lbs
Square	8" x 8"	4 Lbs
Square	12" x 12"	10 Lbs
Square	16" x 16"	14 Lbs
Square	24" x 24"	32 Lbs
Square	36" x 36"	74 Lbs
Circle	12" Diameter	9 Lbs
Circle	16" Diameter	12 Lbs
Circle	24" Diameter	28 Lbs
Circle	36" Diameter	58 Lbs
Half Round	30" Diameter	20 Lbs
Half Round	48" Diameter	57 Lbs
Keystone	12" Tall	6 Lbs
Keystone	24" Tall	22 Lbs
Keystone	36" Tall	49 Lbs
FRIEZES		
Framing	Size	Weight
Inside-2 open ends	8" x 24"	10 Lbs
Single End-closed	8" x 25"	11 Lbs
Double End-closed	8" x 26"	12 Lbs
Inside-2 open ends	16" x 29 1/2"	27 Lbs
Single End-closed	16" x 30 3/4"	29 Lbs
Double End-closed	16" x 32"	31 Lbs

SculptStone™ numeral plaques are also available in various lengths for one to five numbers. Medallion surrounds are available to increase the overall size of the medallions by 6", 12", 18" or 24".

**Note:** All items have an approximate thickness of 1" overall.

**Product Line Breadth:**

Medallions and Keystones: Over 100 original designs in 15 shape and size combinations each.

Friezes: Over 100 original designs in 8" or 16" heights. The length of each frieze is determined by the addition of border frame(s) to each end of frieze panel.

Custom designs are available.

Composition and physical characteristics may change without notice due to market and technological conditions.

**TECH DATA**

**Technical data furnished herein has been determined by independent testing laboratories and is believed to be reliable by manufacturer. This document supercedes all previous similar documents.**

**Technical Data**

**Shear Strength:**

Product was applied to a concrete block wall with a 3/8" thick bed of portland mortar. Shear strength exceeded 250 psi.

**Compressive Strength:**

Average of 4000 psi.

**Weight:**

SculptStone™: Dry weight approximately 8 lbs., per surface square foot.

**Water Absorption:**

Waterproofing admixtures in SculptStone™ result in low permeability of finished product. Water absorption is usually less than 4%.

**Fire Hazard:**

Flame Spread Rate 0  
 Smoke Development Rate 0

**Other Characteristics:**

SculptStone™ contains purified hydro-carbon admixtures resulting in 3-6% air entrainment. It is extremely durable and resistant to frost damage. Added protection may be achieved by ordering SculptStone™ with a factory applied penetrating silane sealer.

**Installation**

Detailed installation procedures are contained in Tables 1 and 2 and Figures 1-9.

Product can be typically affixed with blind pins and a portland cement based thinset to a prepared exterior surface. In adverse site conditions or where there is a potential for application failure, alternate installation methods may be required.

Interior applications can be achieved with blind pins and a construction adhesive. Qualified masonry contractor or qualified tile setter is usual installer.

**Availability and Cost**

**Availability:**

Available from manufacturer at (800) 771-4595.

**Cost:**

Product is priced according to shape, size and finish. Product is shipped F.O.B. factory; job site cost of product is therefore affected by distance from manufacturing plant.

Application cost may be affected by the condition of the surface to receive the product and any preparation required prior to installation.

**Warranty**

Pineapple Grove Designs warrants that all SculptStone™ products are of merchantable quality and will be replaced if defective and manufacturer is notified of defect by purchaser within ten days of receipt of material. No other warranties, implied or expressed, are applicable.

The warranty covers only manufacturing defects in SculptStone™ architectural ornaments. It does not cover cost of labor, other materials, damage to other materials, or incidental damages which may result from manufacturer's defect. Product must be inspected by purchaser prior to installation. See Terms & Conditions for complete warranty.

**Maintenance**

Most applications of SculptStone™ require no maintenance. Applications subject to extreme freeze-thaw conditions should be protected with a silane (non-film forming) masonry sealer.

SculptStone™ may be cleaned with a pH balanced concrete cleaner. Follow cleaner manufacturer's instructions.

**Technical Support**

Technical personnel are available for consultation with architects, engineers, applicators and owners to discuss type selection, costs, installation procedures, etc.

**TABLE 1 - SUBSTRATE PREPARATION**

SUBSTRATE	CONDITION	PREPARATION
Concrete, Masonry, Stucco on Block, Stucco on Lathe	Clean, Untreated	No preparation required.
	Dirty, Form Oil Residue	Clean surface with detergent & water, then etch surface with muriatic acid & rinse thoroughly and/or scour with a wire brush.
	Painted, Sealed	Sandblast clean or scarify with a masonry grinder. Wash away sandblasting dust thoroughly. If sandblasting/scarifying is not possible, then apply galvanized metal lathe with concrete nails.
Polystyrene Board	Smooth Surface (Tilt-up, FRC Board)	Insure proper bond with a bondcoat of thinset. Prepare with bonding agent on clean surface.
		Apply glass fiber cloth & waterproof coat of polymer stucco according to manuf. instructions before applying medallion.
Interior Gypsum Board, Two Coat Plaster	New, Unpainted	No preparation required.
	Painted, Dirty	Remove loose or flaking paint. Clean as per adhesive manufacturer's specifications.

**TABLE 2 - INSTALLATION PROCEDURES**

SUBSTRATE	PROCEDURE
Exterior Concrete, Masonry, Stucco on Block, Stucco on Lathe	<p>Prepare surface as indicated in Table 1. Apply bonding agent to wall if necessary. Wet SculptStone™ piece thoroughly. A mortar mix of three parts masonry sand, one part portland masonry cement, clean mixing water and bonding agent admixture is spread on the wall or back of the SculptStone™ piece or both to achieve 100% coverage. Piece is then pressed into mortar bed and joints are tooled and finished as mortar begins to stiffen. Face of piece is then cleaned of any splashed mortar or mortar smears.</p> <p>If colored grout is to be used, joints should be raked to base of piece and around perimeter. After mortar is cured, joints should be dampened and colored pointing mortar or prepared grout may be applied.</p> <p>Allow 1/4" joint between adjacent pieces for grout. Grout perimeter and any joints with grout containing elastomeric additive (Latcrete or equivalent).</p>
Polymeric Stucco over Polystyrene Board	Use stucco manuf. adhesive to apply medallion to waterproof substrate. Stainless steel pins must penetrate through polystyrene panel to structural base. Anchor tabs may be used for screw-on applications.
Interior Gypsum Board, Two-Coat Plaster	Prepare surface as indicated in Table 1. Apply construction adhesive to piece and press into place as per adhesive manufacturer's instructions. Predrilled pieces may be fastened with screws and anchors or toggle bolts to wall.

- Note:** Tables 1 and 2 assume wall is structurally sound, stable, and weather tight.
- Note:** Hold piece in place during initial set of mortar or adhesive by securing a horizontal ledger strip to wall and a diagonal brace to the face of each panel.
- Note:** Ultimate connection ledger strip to wall design is the responsibility of Building Design Engineer, Architect or otherwise responsible person charged with the design connection.
- Warning!** Failure to follow these instructions or to install product in an insecure or unsafe manner can result in property damage, serious injury or death. Personal safety equipment required for installation. See SculptStone™ Installation Specs 3.2 A.