



PRODUCT DATA SHEET

Product Name

Sonorastone® Wall Cap

Manufacturer

Stepstone, Inc.
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Product Description

Stepstone has produced high quality precast concrete for over 40 years. Sonorastone® Wall Caps provide distinctive good looks with high strength hardrock concrete. They work well as garden bench seats or as a design element to refine wall appearance. The system includes straights, corners, ends, radius pieces and special pilaster caps. Sonorastone® Wall Caps are designed to be used for both commercial and residential applications.

Composition & Materials

Sonorastone® Wall Caps are hand-made, wet-cast from 4000 PSI hardrock concrete using Type III cement.

Sizes

Sonorastone® Wall Cap is available in six standard sizes: Peaked: 9-1/4", 12-1/4", 16-1/4"; Flat: 7-1/4", 9-1/4", 13-1/4" widths; straight lengths are 24"; thickness varies. All sizes are nominal.

Finishes

Sonorastone® Wall Caps are available in a standard slate texture or sandblasted slate texture.

Colors

Sonorastone® Wall Caps are available in eighteen standard colors: Wheat, Desert, Tuscan Amber, Terra, Kahlua Brown, Sterling Gray, Almond, Café Brown, Espresso Brown, Caramel, French Gray, Granada White, Iceberg Green, Malibu, Santa Fe Buff, Brick Red, Agave, Porcelain; custom colors available upon request.

Technical Data

APPLICABLE STANDARDS

American Society for Testing & Materials (ASTM)
ASTM C33 - *Standard Specification for Concrete Aggregates*
ASTM C39 - *Concrete Compressive Strength*
ASTM C150 - *Standard Specification for Portland Cement*
ASTM C642 - *Water Absorption, Density, Voids in Hardened Concrete*
ASTM C666 - *Rapid Freeze/Thaw Resistance of Concrete*
ASTM C979 - *Pigments for Integrally Colored Concrete*

Physical / Chemical Properties

Sonorastone® Wall Cap weight is a minimum of 28 LBS per square foot.

Water absorption: Not more than 8.0 % average, not more than 9.0 % for any individual unit for standard colors.

Unit length, width and height are not more than $\pm 1/8"$ from standard dimensions. No unit will differ more than $\pm 1/8"$ from the approved samples. Test reports are available upon request. Concrete is non-combustible.

Installation

Preparatory Work

Handle and store product according to Stepstone, Inc. recommendations. Walls to receive Sonorastone® Wall Caps should be sound and free of loose pieces, which would affect bond. Follow generally accepted masonry practice.

Methods

Sonorastone® Wall Cap units should be installed in accordance with standard masonry practices. They should be installed level to each other. Joints are to be grouted and spaced in accordance with design requirements but not to exceed $1/2"$. To ensure proper bonding, set in mortar or adhesive suitable for both the concrete and wall substrate.

Precautions

Slight variations in color and texture of natural materials are normal. Some minor chipping may result from shipping and handling, but is not detrimental to appearance or function.

Building Codes

Sonorastone® Wall Caps are designed to meet or exceed the requirements of the model building codes. Installation must comply with the requirements of all applicable local, state, and national code jurisdictions.

Availability & Cost

Availability

Contact Stepstone, Inc. for information and product availability.

Cost

Budget material cost information may be obtained from a local Stepstone distributor or from the manufacturer at the telephone number above.

Limited Warranty

Sonorastone® Wall Caps are guaranteed against defects in material and workmanship for a period of five years.

Unusual abuse and neglect will invalidate the limited warranty. Contact manufacturer for additional information on warranty conditions, duration, and remedies.

Maintenance

Stepstone, Inc. recommends a concrete sealer. Exterior products may be washed periodically to remove dirt, stains, and mildew. Periodic inspection may be advisable in some environments in order to ensure pre-cast components are fixed in place and not subject to movement. In freeze-thaw areas sealers must be maintained to cover warranty.

Technical Services

The manufacturer maintains a technical sales department offering specifications, engineering calculations for specific products and free samples. For assistance contact Stepstone, Inc.