

Tuscan Cast Stone Mix



Bringing new possibilities to architectural cast stone.



- *Fireplace Surrounds, Mantles, & Hearths*
- *Moldings: Base, Crown, and Chair Rail*
- *Balustrades and Balusters*
- *Window & Door Headers, Surrounds & Sills*
- *Corbels*
- *Columns*
- *Wall & Pier Caps*
- *Custom Shapes & Profiles*



TUSCAN STONEWORX

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Strong, Authentic, Consistent.

Description

Tuscan Cast Stone Mix brings new possibilities to architectural cast stone. Our unique mix design uses the highest quality limestone to allow you to create a more authentic look with richer, more accurate colors. New proprietary technology gives our optimized cast mix incredible strengths- over 7000psi compressive and 1200psi flexural. A strict quality control program ensures our bags are consistent in color, weight, and material.

Uses

Because of the virtually unlimited design capabilities the technology affords, many shapes and profiles can be easily achieved as compared to cut-stone alternatives, or traditional pre-cast concrete. Tuscan Cast Mix is so strong that typical thickness only needs to be 1/2". This allows for the use of foam cores in all the parts, and means most attachment is done with simple masonry adhesive- no additional ties or supports.

Coverage

All coverage's are approximate and depend upon details and individual application technique. Tuscan Cast Mix is produced in 70lb bags with approximate coverage of 15sf per bag when cast 1/2" thick.

Application Procedure

See Tuscan Stoneworx Cast Stone Casting & Installation Instructions (publication TS-205) for complete details on manufacturing, job conditions, applicable substrate, and application. See bag for mixing instructions and warnings.

Storage

Materials shall be stored in a cool dry location protected from inclement weather and other sources of moisture damage.

Caution

This product may cause skin irritation. The use of protective clothing to prevent contact with the skin is recommended.

Colors/ Finishes

Available in 10 standard colors as well as an impressive array of custom colors. Tuscan Cast Stone Mix can be poured in any type of mold- rubber, fiberglass, wood, or foam. Because of the natural limestone aggregate Tuscan Cast Stone Mix can be polished, sanded, burnished, acid washed, or sandblasted. See Tuscan Stoneworx Color Chart (publication TS-501) for color samples.

Technical & Field Services

Available upon request.

MSDS Sheets

See Tuscan Stoneworx Publication TS-800

Testing

Test	Method	Results	Notes
Accelerated Weathering*	ASTM G 153 (Formerly ASTM G 23)	Passed	2,000 hours
Freeze/Thaw Resistance*	ICC Acceptance Criteria	Passed	10 Cycles
Water Absorption*	ICC Acceptance Criteria	<4%	Passed
Tensile Adhesion	ASTM	25 PSI	Minimum 15 PSI
Water Resistance*	ASTM D 2247	Passed	Passed 14 days
Salt Spray*	ASTM B 117	No deleterious effect	Passed at 300 hours
Surface Burning Characteristics	ASTM E84	0 Flame Spread/ 0 Smoke Develop	Passed
Compressive Strength (stone finish)	ASTM C 39	>6,000 PSI	Passed



Tuscan Stoneworx assumes no liability, expressed or implied, as to the architecture, engineering or workmanship of any project. To ensure that you are using the latest, most complete information, contact Tuscan Stoneworx.

Tuscan Stoneworx

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