



TECHNICAL & SAFETY DATA



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STONE SPECIFICATIONS

TYPE	LENGTH	HEIGHT	THICKNESS	LBS. PER SQ. FT.
Canyon Stone Flats	4 ³ / ₄ " – 20 ⁷ / ₈ "	1 ³ / ₁₆ " – 6 ¹¹ / ₁₆ "	³ / ₄ " – 2 ³ / ₈ "	13.7
Canyon Stone Corners	11 ³ / ₁₆ " – 18 ¹⁵ / ₁₆ "	1 ¹⁵ / ₁₆ " – 6 ⁵ / ₁₆ "	³ / ₄ " – 2 ³ / ₈ "	13.4
Cobblestone Flats	4 ³ / ₄ " – 19 ¹¹ / ₁₆ "	3 ¹⁵ / ₁₆ " – 7 ⁷ / ₈ "	1 ⁹ / ₁₆ "	10.5
Cobblestone Corners	9 ⁷ / ₈ " – 15 ³ / ₄ "	4 ¹⁵ / ₁₆ " – 11 ¹³ / ₁₆ "	1 ⁹ / ₁₆ "	13.4
Fast Set Flats	7 ⁷ / ₈ " , 11 ¹³ / ₁₆ " , 19 ¹¹ / ₁₆ "	3 ¹⁵ / ₁₆ "	1 ³ / ₁₆ "	10.5
Fast Set Corners	3 ⁷ / ₈ " x 7 ⁷ / ₈ "	3 ¹⁵ / ₁₆ "	1 ³ / ₁₆ "	7.6
Fieldstone Flats	7 ⁷ / ₈ " – 22 ¹ / ₁₆ "	5 ¹⁵ / ₁₆ " – 14 ¹⁵ / ₁₆ "	1 ⁹ / ₁₆ "	8.4
Fieldstone Corners	11 ⁷ / ₈ " – 15 ³ / ₄ "	9 ⁷ / ₈ " – 13 ³ / ₄ "	1 ⁹ / ₁₆ "	9
Linear Brick Flats	19 ⁵ / ₁₆ "	1 ¹ / ₂ "	1 ¹ / ₁₆ "	7.8
Linear Brick Corners	5 ¹³ / ₁₆ " , 7 ¹³ / ₁₆ " , 9 ¹³ / ₁₆ " x 3 ¹³ / ₁₆ "	1 ¹ / ₂ "	1 ¹ / ₁₆ "	5.2
Mountain Ledge Flats	4 ³ / ₄ " – 21 ⁵ / ₈ "	1 ³ / ₄ " – 6 ⁵ / ₁₆ "	1" – 1 ³ / ₄ "	12.3
Mountain Ledge Corners	9 ¹ / ₁₆ " – 15"	2 ³ / ₈ " – 6 ⁵ / ₁₆ "	1 ³ / ₁₆ " – 1 ³ / ₄ "	12.5
Reclaimed Brick Flats	7 ⁷ / ₈ " – 8 ¹ / ₄ "	2 ³ / ₁₆ " – 2 ¹ / ₂ "	⁹ / ₁₆ " – ¹¹ / ₁₆ "	3.8
Reclaimed Brick Corners	2 ³ / ₄ " – 3" x 7 ¹ / ₁₆ "	2 ³ / ₁₆ " – 2 ¹ / ₂ "	⁹ / ₁₆ " – ¹¹ / ₁₆ "	3.9
Vintage Brick Flats	8"	2 ³ / ₁₆ "	⁷ / ₁₆ " – ¹ / ₂ "	3.2
Vintage Brick Corners	6" x 2"	2 ³ / ₁₆ "	⁷ / ₁₆ " – ¹ / ₂ "	3.9
Treble Stone Flats	11 ⁷ / ₈ " , 17 ¹ / ₂ " , 23 ³ / ₈ "	3"	⁷ / ₈ " – 1 ⁷ / ₈ "	11.89
Treble Stone Corners	4 ¹ / ₂ " x 7 ¹ / ₂ "	3"	⁷ / ₈ " – 1 ⁷ / ₈ "	10.43

*These are all estimated dimensions and ranges. Actual dimensions may vary.

TECHNICAL DATA SHEET

The Toro Stone® collection of manufactured stone veneers is top-notch when it comes to meeting or even surpassing the specifications for all major code approvals. If you need copies of the Toro Stone® manufactured stone veneer building code evaluation reports, research reports, approvals, and listings, just shoot us a request.

Keep in mind that local building codes can vary, so it's always a good idea to double-check with your local building code authority before getting into installation mode. Independent testing agencies have put the Toro Stone® collection through its paces, and the results show that it meets or exceeds the test requirements laid out in ICC-ES Acceptance Criteria 51 and ASTM C1670 for Precast Stone Veneer.

MATERIALS

Cement	ASTM C270
Sand	ASTM C270
Aggregate	ASTM C270

TESTING

Shear Bond Test	ASTM C1670	> 50 psi
Water Absorption	ASTM C1670 and C140	Average 1673.5 Kg/m ³ 104.5 lb/ft ³
Freeze/Thaw Durability	ASTM C1670	Average .3% loss
Compressive Strength	ASTM C1670 and AC51	Average 3490 psi
Dimension Verification	ASTM C1670	Complies with AC 51 section 2.1.1.3.
Linear Drying Shrinkage	ASTM C1670	Average 0.032%



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MATERIAL SAFETY DATA SHEET

TORO STONE

5141 W 122nd St.

Alsip, IL 60803

PRODUCT DESCRIPTION

Manufactured Stone or Thin Brick Veneer.

FOR INFORMATION OR EMERGENCIES

877-500-TORO

info@torostone.com

CONSTITUENTS INFORMATION

CONSTITUENT	APPROXIMATE COMPOSITION %	CAS NUMBER	EXPOSURE LIMITS
Portland Cement	25 a 30%	65997-15-1	OSHA PEL. 5mg/m3. TWA (Total) ACGIH: 10mg/m3. (Total)
Calcium Carbonate	10 a 14%	1317-65-3	OSHA PEL. 5mg/m3. TWA (Total) ACGIH: 10mg/m3. (Total)
Mineral Aggregates	40 a 56%	1317-65-3	N/A
Iron Oxide Pigments	10 a 15%	N/A	N/A
Concrete Additives	5 a 10%	N/A	N/A

RISKS IDENTIFICATION

- EYES Dust may cause slight irritation.
- SKIN Dust may cause dryness.
- INGESTION No adverse effects are anticipated under normal use.
- INHALATION Dust may cause respiratory irritation or breathing problems.
- TOXICITY Null



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FIRST AID

EYE EXPOSURE

Wash the eyes with clean water for 15 minutes. If irritation occurs, seek immediate medical attention.

SKIN EXPOSURE

Wash the skin with clean water for 15 minutes. Change contaminated clothing. Seek medical attention.

INHALATION

Move the victim to fresh air. If breathing is difficult, seek medical attention immediately.

INGESTION

If swallowed, do not induce vomiting. Give plenty of water. Never feed anything by mouth to someone unconscious. Seek immediate medical attention.

IN CASE OF FIRE

Does not present an unusual risk of fire or explosion.

HANDLING AND DISPOSAL

Avoid excessive dust production while cutting to install. Always handle waste according to local regulations.

INHALATION

Move the victim to fresh air. If breathing is difficult, seek medical attention immediately.

PERSONAL SAFETY

While installing, always work in a ventilated area. Wear suitable protective gear while installing the stone: gloves, goggles, cartridge masks for dust, and boots. Avoid using clothing covered in dust.

PHYSICAL AND STABILITY PROPERTIES

- Physical Appearance Solid
- Chemical Stability Dust may cause dryness.

TRANSPORTATION INFORMATION

Check weight limits as allowed per state.

ABBREVIATIONS

CAS	Chemical Abstract Service: Registration Number
ACGIH	American Conference of Governmental Industrial Hygienists
OSHA	Occupational Safety and Health Administration
NIOSH	National Institute for Occupational Safety and Health
PEL	Permissible Exposure Limit
TLV	Threshold Limit Value
TWA	Time Weighted Average
N/A	Not Applicable



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50 YEAR LIMITED WARRANTY

Toro Stone® products are manufactured under the highest quality standards and all products are covered for a period of 50 years (stepping stones for 5 years only) from the date of manufacturing against defects when adhering to local building codes and when installed according to manufacturer's written instructions. Warranty is limited to the original purchaser and does not cover damages resulting from wall movements, settlement of the building, contact with chemicals, paint, or discoloration due to contaminants, staining, or oxidation.

Warranty coverage is limited to the replacement of defective materials only. Toro Stone® is not responsible for costs incurred in the removal or replacement of defective products.



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