



Slate

Slate is ideal for distinctive homes, historical projects, log homes, as well as commercial and municipal buildings, churches, and schools. **Slate** is resilient, durable, and fully tested to meet or exceed ASTM Standards – and comes with a 50-Year Transferable Limited Warranty.

Slate captures the subtle, variegated textures, edgings and coloring of natural slate without the weight, cost, and maintenance of a traditional slate roof.

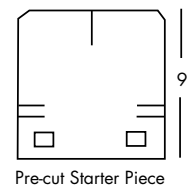
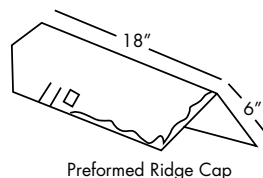
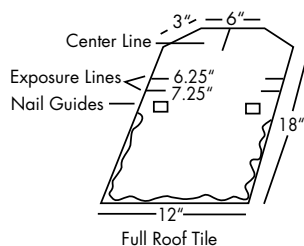
Slate is molded from detailed dies patterned after authentic slate. Our design process has replicated a series of six unique slate surfaces combined with six distinct slate edgings to recreate the look of natural slate.

Features and Benefits

- Authentic design with six distinct textures and edgings
- 16 solid and 7 blended color options
- 50-Year Transferable Limited Warranty
- Class A Fire Rated with 30 lb felt
- Class 4 Hail Impact Rated
- Preformed Ridge Caps
- The character and appearance of natural slate
- Quite possibly the last roof you will ever need
- With the highest test ratings in the industry, Max® Slate will endure the most severe weather conditions
- May reduce Insurance Premiums
- Easy Installation

Slate Roof Tile Specifications

<i>Slate Roof Tile Specifics</i>	<i>7.25" Exposure</i>	<i>6.25" Exposure</i>
	For installations of a 5/12 and greater	For installations of a 5/12 or less
Height	18"	18"
Width	12"	12"
Thickness of exposed bottom area	1/4"	1/4"
Thickness of unexposed top area	1/8"	1/8"
Weight per piece	1.37 lbs	1.37 lbs
Pieces per Square	166	192
Weight per Square	227	263
Pieces per Bundle	25	25
Weight per Bundle	34.25 lbs	34.25 lbs
Bundles per Square	6.64	7.68
Squares per Pallet	6.02	5.21
Pallets per Truckload	30	30
Pieces per Truckload	30,000	30,000
Weight per Truckload (includes pallet weight)	42,900 lbs	42,900 lbs





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Slate Lab Testing Summary

Fire rating	In accordance with UL-790	Rated Class A
Hail Rating	In accordance with UL-2218	Rated Class 4
Accelerated Ultra Violet Exposure	In accordance with ASTM G-154 Xenon Arc Chamber 9500+ hours	Tile exhibited virtually no fade of surface and with no trace of cracking, spalling, or deformation.
Wind Driven Rain / Wind Uplift	In accordance with DADE County TAS-100-95	Up to 110 mph. No water infiltration through sheathing. No tiles blew off, tore, or blew upward.
Freeze-Thaw Cycle	In accordance with ASTM C666	No signs of damage or cracking after 303 cycles.
Water Absorption	In accordance with ASTM C-272	No appreciable weight gain.
Water Permeation	In accordance with ASTM E-96-95	Tile shown to be impermeable.
Nail Tear Strength	The tensile force required to tear a tile with a roofing nail. ASTM D-3163	Force greater than 300 lbs of pull required.
Nail Pull Through	In accordance with ASTM D3163. Tensile force required to pull a nail through a single tile.	Force greater than 350 lbs of pull required.
Temperature Cycling	Tiles are subjected to twenty periods of 24-hour cycles consisting of 16 hours in a controlled chamber at high temperatures (150°F), then 8 hours at a cool temperature (-20°F). ASTM D-5849	No signs of cracking, curling, deformation, or visible expansion.

7 STANDARD COLORS



9 SPECIAL COLORS



7 BLENDED COLORS



MIXED COLOR SUGGESTIONS



(33% Mix of the #2, 3, 4 shade of each color Group)

