









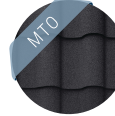
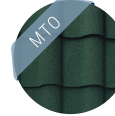
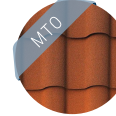



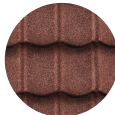

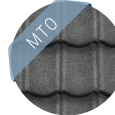
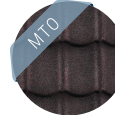
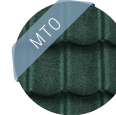
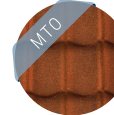

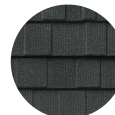
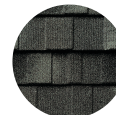

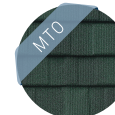

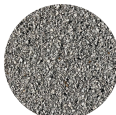













PRODUCT PROFILES	PRODUCT SPECIFICATIONS									
 VILLA TILE  TILE  SHINGLE XD  SHAKE XD  SHAKE		VILLA TILE	TILE	SHINGLE XD®	SHAKE XD®	SHAKE				
	Min Roof Pitch ▶	3:12	3:12	4:12	3:12	3:12				
	Panel Size ▶	17" x 44-1/4"	16-1/2" x 52"	14-1/8" x 52-3/8"	14-1/8" x 52-1/8"	14-5/8" x 53"				
	Installed Exposure ▶	14-1/2" x 39-1/2"	14-1/2" x 50"	12-1/4" x 49-1/2"	12-3/8" x 49-7/8"	12-5/8" x 51"				
	Panels per Square ▶	25.2	20	23.8	23.4	22.4				
Installed Weight ▶	160 lbs. / sq.	150 lbs. / sq.	150 lbs. / sq.	150 lbs. / sq.	150 lbs. / sq.					
AVAILABLE COLORS (Final color selection should be made from an actual product sample)										
	VILLA TILE	 Amalfi Sand	 Capri Clay	 Pompeii Ash	 Rustico Clay	 Venetian Gold	 Charcoal*	 Woodland Green*	 Tuscan Sun*	
	TILE	 Charcoal	 Chestnut	 Garnet	 Terracotta	 Weathered Timber	 Granite Grey*	 Shadowood*	 Woodland Green*	 Tuscan Sun*
	SHINGLE XD	 Classic Cobblestone	 Midnight Eclipse	 Natural Slate	 Old Hickory	 Woodland Green*	METAL ROOFING COOL ROOF COLORS Available on all Metal Roofing profiles:  Royal Oak  Mist Grey  Spanish Clay <div style="border: 1px solid black; padding: 5px; font-size: small;"> *Please note these colors are MTO (made to order) and production times may be extended.  Cool colors meet California Title 24 Cool Roof requirements. </div>			
	SHAKE XD	 Pinnacle Grey	 Antique Chestnut	 Midnight Eclipse*	 Woodland Green*					
	SHAKE	 Charcoal	 Chestnut	 Granite Grey	 Shadowood	 Weathered Timber				

Warranties

- Lifetime Limited Warranty*
- 120 mph Wind Speed Warranty
- Hail Stone Penetration Warranty

Composition

- Steel – Aluminum-Zinc Hot Dip Coating
- Acrylic Priming System
- Acrylic Basecoat
- Ceramic Coated Stone Granules
- Acrylic Over-Glaze

* offers a Lifetime Limited Warranty on single family residential in the U.S. & Canada.

Products Meet Requirements For:

International Code Council (IRC, IBC Codes)

INCLUDES: [City of Los Angeles \(LARC, LABC\)](#)
[California State \(CRC, CBC\)](#)

- [ESR-2901 – Tile, Shake, Shingle Plus \(battens\)](#)
- [ESR-1754 – Villa Tile, Shake XD, Shingle XD, Shingle Plus \(direct to deck\)](#)

Miami - Dade County, Florida

- [Miami Dade County NOA#18-1015.06 Tile, Villa Tile, Shake, Shingle Plus, Shake XD](#)
- [Miami Dade County NOA#17-1227.02 DECRA Ridge Vent](#)

Florida Building Code

- [Approval #9759-R9: Shake, Tile, Shingle XD, Shake XD, Villa Tile, Shingle Plus](#)
- [D30800.12.09-R7 for FL9759-R9](#)
- [DECRA Ridge Vent: FL17492-R3 II NOA 17122702 2017](#)

Texas Department of Insurance

- [Products Qualifying for Impact Resistant Roofing Credits](#)
- [Roofing Installation Information and Certification for Reduction in Residential Insurance Premiums](#)
- [TDI Report #RC-282 Wind Resistance – Villa Tile](#)

- [TDI Report #RC-235 Wind Resistance – Shake XD](#)
- [TDI Report #RC-281 Wind Resistance – Tile, Shake, Shingle Plus](#)
- [TDI Report #RC-548 Wind Resistance - Shingle XD](#)

Underwriters Laboratories, Inc – Listings File #R14710

- Fire – UL 790 (ASTM E108 – A, B & C)
- Fire – UL CAN/ULC-S107 (Canada)
- Hail – UL 2218 (Class 4)
- Uplift – UL 580 & UL 1897 – Class 90

Additional Testing for LEED® and CA Title 24 Cool Colors

- ASTM – E903 Solar Absorptance, Reflectance, and Transmittance of Materials Using Integrating Spheres
- ASTM – E408 Total Normal Emittance of Surfaces Using Inspection-Meter Techniques
- ASTM – E1980 Calculating Solar Reflectance Index of Horizontal and Low-Sloped Opaque Surfaces

ISO Management System Compliance

- [ISO 9001:2015 Quality Management System](#)
- [ISO 14001:2015 Environmental Management System](#)
- [ISO 45001:2018 Occupational Health & Safety Management System](#)

National Building Code of Canada

- [CCMC Evaluation Report #13551-R \(direct-to-deck\)](#)
- [CCMC Evaluation Report #10241-R \(on battens\)](#)