



AESTHETIC
GREEN POWER

TALLSLATE™ PHOTOVOLTAIC ROOFING SLATE

01

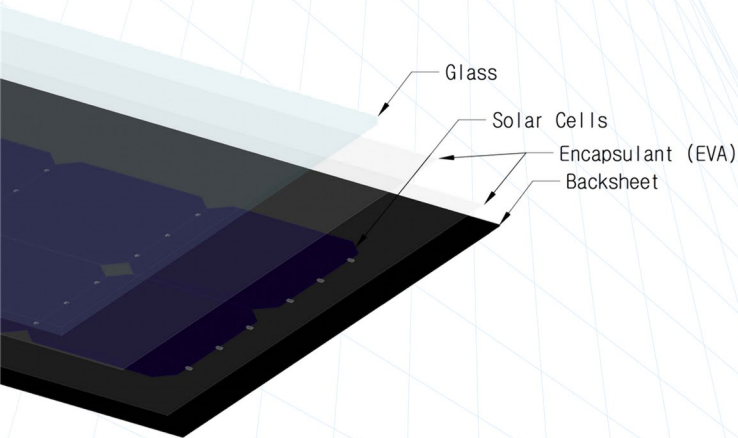


The beauty of a genuine slate roof integrated with our glass photovoltaic modules. The TallSlate is designed to meet your aesthetic and economic needs.

We have partnered with Greenstone Slate Company to provide a product that is both attractive and easy to install. TallSlates are mounted using the Nu-lok roofing system. Nu-lok offers an alternative to traditional slate roof installation that still creates a genuine Vermont slate roof but uses up to 40% less slate, reducing material cost and roof weight. For more information, please visit greenstoneslate.com.

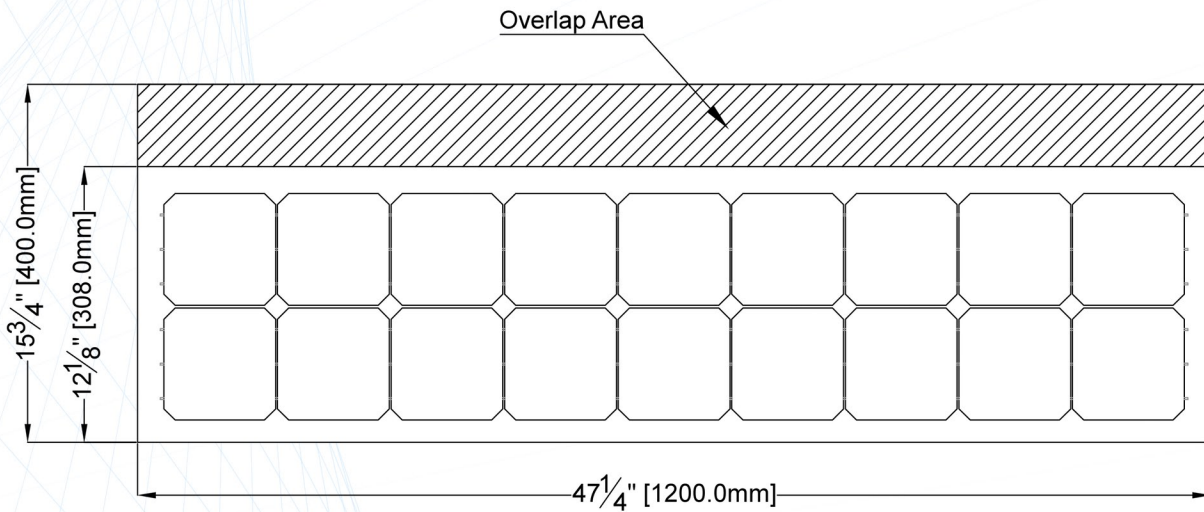
TALLSLATE™ MATERIAL COMPOSITION

02



The TallSlate is constructed of solar cells laminated between tempered glass and photovoltaic backsheet.

Our next generation TallSlate will feature back contact mono-crystalline silicon cells for a uniform roof appearance.



ELECTRICAL SPECIFICATIONS / CERTIFICATIONS			
MODEL	TS125SM	TS125SM-IEC	
POWER	54 Watts	54 Watts	
I_{SC}	6.00 ADC	6.00 ADC	
V_{OC}	12.3 VDC	12.3 VDC	
I_{MPP}	5.40 ADC	5.40 ADC	
V_{MPP}	10.0 VDC	10.0 VDC	
MAX SYSTEM VOLTAGE (UL)	600 VDC	600 VDC	
MAX SYSTEM VOLTAGE (IEC)	N/A	1000 VDC	
SERIES FUSE RATING	10 Amp	10 Amp	
CERTIFICATIONS	UL1703 CEC LISTED	UL1703 CEC LISTED EN 61730-1 EN 61730-2 EN 61215 (2 ND QUARTER 2016)	
FIRE RATING	Class C	Class C	

All electrical specifications are at Standard Test Conditions (STC): 1000 W/m² irradiance, 25°C temperature, AM 1.5

MECHANICAL SPECIFICATIONS	
DIMENSIONS	15.75" x 47.25" (400 mm x 1200 mm)
EXPOSED DIMENSIONS	12.125" x 47.25" (305 mm x 1200mm)
EXPOSED AREA	3.98 SQFT (0.370 SQM)
WEIGHT	17 lbs. (7.71 kg)
GLASS	0.25" (6mm) low iron tempered
ENCAPSULANT	EVA
CELLS	125 mm back contact mono-crystalline silicon