

What is Sea Green Slate?

Sea Green Roofing Slate is one of the least understood natural roofing slates available. It is exclusively produced from the Wells quarry in Vermont. This quarry has been producing natural slate for over 150 years and is the most well known in the Natural Slate Industry. The slate is quarried and split into tiles that are medium green to gray color with light texturing. Once the material is installed on the roof and the stone is exposed to the atmosphere the stone will change color slightly. This process usually takes about 6 months to a year and will yield a truly unique roof of tawny buffs and original soft green blends.



Richmond VA Area Home Case Study - Sea Green

RICHMOND VIRGINIA AREA HOME

This home was initially roofed with a buff tone concrete tile. Over time the original roof failed and needed replacement. The roof has numerous facets with swales along the eaves. The homeowner's desire was a warm color tone to the roof to match the mortar and limestone accents of the house. The majority of natural slate is cool tones of grays, greens, and blacks. The unfading purple natural slate leans to the warm tones, but the owner also did not want the darker element added to the home. Understanding the changes in the Sea Green stone, and how the roof would mature led to this magnificent roof.



Slate roofing has PROVEN its durability, PROVEN its longevity, and here it PROVES is beauty.



THE DETAILS

Slate isn't always about the color, it is about the form, protection, and dimension that this natural product offers. In designing this slate roof, the random width installation of a 16" length tile allowed for the swales of the roof to accommodate the tiles without the roof looking too busy. The hips were installed with a full-size tile and a rounded mitered edge detail. This ensures full slate protection on the edges and strong visual interest without the dimension of a saddle hip. A similar detail was carried up to the ridge.

The valleys were emphasized with an open valley installation. This visually recognized each plane on the roof with a physical separation.

The low pitch areas were roofed with hand-tongued 16 oz standing seam panels. (Natural slate is suitable on pitches 4/12 and steeper.) The warm tones of the copper and longevity of the material work well with the buff tones of the slate. Copper snow guards were also installed. These functional stops create visual interest to accentuate the swales of the roof.