
Project: Royal Purple**Standards:**

ASTM C 120-12, Standard Test Methods of Flexure Testing of Slate (Breaking Load, Modulus of Rupture, Modulus of Elasticity)

ASTM C 121-09, Standard Test Method for Water Absorption of Slate

ASTM C 217-09, Standard Test Method for Weather Resistance of Slate

ASTM C 406-10, Standard Specification for Roofing Slate

The test results are listed in the following table.

TYPE OF SLATE	AVERAGE BREAKING LOAD (LBS.)	WATER ABSORPTION (%)	DEPTH OF SOFTENING (IN.)
Royal Purple	1.110	0.05	0.001
ASTM C406-10 Specifications - Grade S1	575 Min.	0.25 Max.	0.002 Max.

Note: In accordance with ASTM C406-10 Specifications the Royal Purple Slate qualifies as a Grade 1 Slate.
