
Project: Unfading 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

Dear Sir,

Froehling & Robertson, Inc. is pleased to submit the results for testing performed on Unfading Purple slate. The test results are listed in the following table.

TYPE OF SLATE	AVERAGE BREAKING LOAD (LBS.)	WATER ABSORPTION (%)	DEPTH OF SOFTENING (IN.)
Unfading 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 Unfading Purple Slate qualifies as a Grade 1 Slate.

Should you have any questions about these test results or require additional information or testing, please contact us at your convenience.

Respectfully Submitted,
FROEHLING & ROBERTSON, INC.



Robert A. Hill, III, P.E.
Branch Manager

RAH:jc

Corporate HQ: 3015 Dumbarton Road Richmond, Virginia 23228 T 804.264.2701 F 804.264.1202 www.fandr.com

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