

Natural Stone Institute Test Laboratory Price List

TEST METHOD	Number of Specimens	Cost per Specimen	Number of Specimens	Cost per Specimen	Number of Specimens	Cost per Specimen
ASTM C97 - Absorption & Density	5	\$105.00	10	\$90.00	20	\$82.50
ASTM C99 - Modulus of Rupture	10	\$50.00	20	\$45.00	40	\$42.50
ASTM C170 - Compressive Strength	10	\$50.00	20	\$42.50	40	\$38.75
ASTM C880 - Flexural Strength (See Note #7)	10	\$50.00	20	\$45.00	40	\$42.50
ASTM C1352 - Modulus of Elasticity	10	\$112.50	20	\$103.75	40	\$99.38
ASTM C1353 - Abrasion Resistance (See Note #8)	3	\$290.00	6	\$235.00	9	\$215.00
ASTM C1353 - Abrasion Resistance (See Note #9)	3	\$175.00	6	\$145.00	9	\$135.00
ASTM C1354 - Undercut Anchor Shear Strength (See Note #7)	5	\$120.00	10	\$90.00	20	\$75.00
ASTM C1354 - Undercut Anchor Tensile Strength (See Note #7)	5	\$120.00	10	\$90.00	20	\$75.00
ASTM C1354 - Dowel Anchorage Strength (See Note #7)	5	\$145.00	10	\$110.00	20	\$92.50
ASTM C1354 - Kerf Anchorage Strength (See Note #7)	5	\$145.00	10	\$110.00	20	\$92.50
ASTM C666 (Procedure B) - Freeze-Thaw Durability (100 Cycles) (See Note #10)	20	\$175.00				
ASTM C666 (Procedure B) - Freeze-Thaw Durability (150 Cycles) (See Note #10)	30	\$165.00				
ASTM C1645 - Freeze-Thaw Durability of Pavers	3	\$1,050.00				
ASTM C1721 - Petrographic Analysis (Stone Characterization) (See Note #11)	1	\$1,500.00				
XRD Analysis	1	\$500.00				
ASTM C120 Breaking Load for Roofing Slate	10	\$85.00	20	\$72.50	40	\$66.25
ASTM C120 - Modulus of Rupture for Structural Slate	12	\$75.83	24	\$65.42	36	\$61.94
ASTM C121 - Absorption of Slate	6	\$108.33	12	\$91.67	18	\$86.11
ASTM C217 - Weather Resistance of Slate	3	\$283.33	6	\$241.67	9	\$227.78
ASTM C406 Section 6.4 - Curvature of Roofing Slate	6	\$29.17	12	\$27.08	18	\$26.39
ANSI A326.3 - Dynamic Coefficient of Friction (DCOF)	3	\$133.33	6	\$109.17	9	\$101.11
ASTM C1028 - Static Coefficient of Friction (SCOF) (See Note #12)	3	\$250.00	6	\$212.50	9	\$200.00
ASTM E303 - Surface Friction by the British Pendulum Tester	3	\$175.00	6	\$150.00	9	\$141.67
ASTM C297 - Flatwise Tensile Bond Strength	5	\$135.00	10	\$110.00	20	\$97.50
ASTM C650 - Chemical Resistance	15	\$240.00				
ASTM E1980 - Solar Reflectance Index (SRI)	1	\$950.00				
EN 12370 - Salt Crystallization Resistance	6	\$533.33				

NOTES:

1) **CURRENT MEMBERS OF THE NATURAL STONE INSTITUTE RECEIVE A 20% DISCOUNT ON ALL TEST LABORATORY PRICES!**

2) ALL PRICES ARE IN U.S. DOLLARS.

3) Payment terms are determined by credit approval. Some test regimens require down payments or progress payments.

4) All prices include disposal of spent test specimens.

5) Call or email to request a formal quotation and estimate of time to complete.

6) Shop fabrication tickets for preparation of test specimens will be provided with the quotation.

7) This pricing applies to testing of specimens up to 2" [50 mm] thickness. Call for pricing of thicker test specimens.

8) This pricing includes determination of the stone's specific gravity per a modified version of ASTM C97.

9) This pricing applies if ASTM C97 testing was purchased separately.

10) These tests include strength degradation tracking per ASTM C880 testing at 25 cycle increments, they DO NOT include C880 testing of an unexposed control group.

11) Includes content analysis and stone classification only. Call for pricing of petrographic analysis for staining or failure determination.

12) This test procedure has been withdrawn from ASTM methods, although can still be performed if requested.

