

ASTM C406-15 ROOFING SLATE TEST RESULTS

TRUTHVILLE UNFADING RED Quarry: Truthville Quarry

For: Hilltop Slate  
By: Amber Consulting Co.

Specimen Nominal Size: C120 4x5in, C121 4x4in, C217 2x4in

TABLE 1- Water Absorption (C121)

Specimen No.	Absorption ( %)
1A	0.240
2A	0.232
3A	0.248
4A	0.252
5A	0.270
6A	0.222
Average.....	0.244% (S1 max 0.25%)

TABLE 2- Flexure Strength (C120)

Specimen No.	MOR (psi)	Breaking	
		Load (lbs)	Thickness (in.)
1R	9132	722	0.242
2R	11896	806	0.203
3R	8239	1035	0.306
4R	8100	839	0.277
5R	6390	771	0.299
6R	7919	943	0.297
7R	7884	742	0.264
8R	11283	849	0.236
9R	12538	1015	0.245
10R	13003	1132	0.254
Averages.....	885 lbs	0.264 in. (S1 max min 575 lbs)	

TABLE 3- Weather Resistance (C217)

Specimen No.	Depth of Softening (in.)
1W	0.0004
2W	0.0006
3W	0.0003
Average.....	0.0004 in. (S1 max 0.002 in.)