



## Cost Analysis between standard 3/8” slate tile and Stone-Veneer®

### Basic Products

#### Slate Stone

Stone Veneer® per square foot (average)	\$7.20
3/8” Slate per square foot (average) <sup>1</sup>	\$4.95
	Savings per square foot = -\$2.25

#### Thin set mortar

Stone Veneer® per square foot (average)	\$0.00
3/8” Slate per square foot (average)	\$0.24
	Savings per square foot = \$0.24

#### Sanded Tile Grout

Stone Veneer® per square foot (average)	\$0.00
3/8” Slate per square foot (average)	\$1.89
	Savings per square foot = \$1.89
	Total savings per square foot = <\$0.12>

<sup>1</sup>Home Depot carries a slate color that matches the Stone Veneer® Multi Color coloration. Their retail price is listed at \$7.49 per square foot for the “Tumbled Multi Color Slate Tile” which would realize a cost savings.

### Additional Considerations.

#### Weight

100 pounds of 3/8” slate will net 15 square feet  
 100 pounds of Stone-Veneer® will net 315 square feet.

Standard wall dimensions of 8’ in height by 12’ in length

#### 3/8” x 12” x 12” Slate

Slate Tile:	614.4	pounds
Mortar:	72.0	pounds
Grout:	72.0	pounds
Total weight =	758.4	pounds

#### Stone Veneer® 24” x 48”

Slate Tile:	30.72	pounds
Wall Tile Adhesive:	8.8	pounds
Grout:	0.0	pounds
Total weight =	46.52	pounds

### *Time*

#### **3/8" x 12" x 12" Slate**

Day 1 Wall preparation, apply slate tile.

Day 2 Mix grout, apply grout, clean grout from face of tile.

Day 3 Final tile cleaning and buffing.

Note: Add one additional day for curing if thin set is used as an adhesive.

#### **24" x 48" Stone Veneer<sup>®</sup>**

Day 1 Wall preparation, apply slate tile. Done.

### *Installation Costs*

#### **3/8" x 12" x 12" Slate**

Specialized equipment required. Must have a source of water near.

Floors must be heavily covered to prevent damage.

Specialized trade. Tile setter<sup>2</sup> at \$25.19/hr. or stone mason<sup>2</sup> at \$23.72/hr.

#### **Stone Veneer<sup>®</sup> 24" x 48"**

No specialized equipment.

Standard carbide tipped cutters.

No heavy floor protection.

Trade. Woodworker<sup>2</sup> at \$13.03/hr. Carpenter<sup>2</sup> at \$19.37/hr.

or extra coverings to control damages.

<sup>2</sup>Source of information is the Bureau of Labor Statistics, national average of median wages, 08/26/2010.

## **Summary - Cost savings, Stone Veneer<sup>®</sup> versus 3/8" slate tile.**

### *Basic Products*

No cost savings.

### *Weight*

Considerable difference in weight resulting in reduced shipping and handling costs.

No additional structural support is required.

Greatly reduced effort and increased safety of on-site material handling and installations including heights and overhead applications.

No special equipment required to transport i.e. pallet jacks, forklifts.

### *Time*

Time savings can be measured in days for a small application. Larger scale installations result in time savings of weeks.

### *Installation Costs*

Savings of up to 30% on hourly costs of labor alone. With the added time savings measuring in days or weeks the cost savings are greatly increased.

Although the initial material costs do not realize a savings all other factors show a substantially reduced cost by using Stone-Veneer<sup>®</sup> in place of slate tiles.