

## **Monson Slate Flagstone & Maine Stone Pavers Installation**

Slate Flagstone & Stone Pavers are usually installed over a concrete slab, gravel or crushed stone base.

### **Slate Flagstone & Maine Stone Pavers - Mortar Bed on Concrete Slab:**

The slab should be clean and free of all debris. Wet down or dampen the slab and spread a bed of approximately 3/4" thickness mortar mix consisting of 1 part Portland Cement and 3 parts mason's sand (1:3 mix). When preparing the mortar we strongly recommend the use of a bonding agent. Tamp slate firmly into setting bed until the desired level is met. Remove any excess mortar. Joints should be filled and pointed with a grout mixture.

### **Slate Flagstone & Maine Stone Pavers - Sand/Crusher Dust on Crushed Stone/Gravel Base:**

The area should be excavated to remove topsoil of at least 6 inches. The depth may have to be deeper in areas where freezing normally causes frost heaving. Gravel, crushed stone or another suitable base material should be installed and compacted at a thickness of 4 inches once this is complete- Two more inches of sand or crusher dust should be installed and compacted to final grade. Irregular Flagstone or Pavers will be set on the top layer of sand or crusher dust allowing for preferred joint size. Fill joints with desired product: polymeric sand, loam, crusher dust, mortar.

**Thickness - Size** - Irregular Flagstone & Stone Paving is usually 1"-2" in thickness with natural cleft on both sides. Premium Irregular Flagstone is approximately 1'x1' up to 3'x2' in sizes. Mega Flagging is approximately 3'x2' and up. Paver Sizes range from 12x12"- 4'x4'.

**Mortar Bed Installation Cleaning** - Slate Flagstone or Stone Pavers should be sponged down during installation to prevent grout or mortar from sticking to the surface. Tough mortar and grout stains that have set can be removed with muriatic, hydrochloric or a heavy duty acid cleaner and a nylon brush. Please follow manufacturer recommendations.

**Sealers & Treatments** - Because of its durability Monson Slate does not require sealers or treatments. You may however want seal or treat for maintenance and aesthetic reasons. **Sealers** usually darken the slate and can give a glossy or matte appearance depending on the type of sealer used. It is recommended that you test how the sealer looks on sample piece before you decide to use. **Impregnators** usually won't change the appearance of the stone. **Color Enhancers** usually darken the slate but not as drastically as with sealers. It is recommended that you test how the impregnator or color enhancer looks on sample piece before you decide to use. When selecting a treatment please search for ones that are slip resistant.

