

NATURAL STONE PAVERS (NSP) INSTALLATION GUIDELINE

DRY-LAID (LOBASCIO SYSTEM)

REVIEW

- ≥ The aggregate base material, thickness, surface tolerances, compaction, and elevations are according to specifications.
- ≥ Location, installation, type, and elevations of edge restraints around the perimeter area to be paved.
- ≥ Sub-grade preparation, elevations, and compacted density vary upon specifications.

INSTALLATION

Excavation

- ≥ Remove excess concrete / other material.
- ≥ Set forms- 6" or 4" thick concrete to designated length & width. Approximately 4" bigger than actual driveway/walkway patio.
- ≥ Tamp sub-soil according to specifications.
- ≥ Place # 6 wire/mesh in the field and on perimeter, put ½ rebar – expansion where needed, can apply this to the existing concrete.

Pouring Concrete

- ≥ Do not bull float or trowel, straight edge concrete only.

Setting NSP

- ≥ Set the screed rails, thickness 1" no more than 1 1/2".
- ≥ Mix 4 wheelbarrows of concrete sand to 1 bag of Portland Cement.
- ≥ Place mixture between rails, spread sand 1' evenly and use a come along rake to tighten the sand.
- ≥ Begin screeding the sand and fill the voids, notch the board along the coping or concrete. Set it 1/8" to ¼" higher than the existing coping and concrete.
- ≥ Fill-in the screed rail with desirable mixture and trowel evenly.

Laying NSP

- ≥ Lay NSP inside the square string line.
- ≥ Lay NSP in the pattern specified and maintain straight pattern line.
- ≥ Hand lay tight to one another as you are standing on NSP.

Setting the Edge Restraint

- ≥ Mix Portland Cement, gavel mix & sand.
- ≥ Place concrete edge restraint on the outer edge.
- ≥ Place 2" or 3" under the NSP, use a mallet to bring material to desirable height.
- ≥ To apply edge restraint, only go as far as you are going to tamp.

Apply Joint Sand

- ≥ This is a protective barrier before bringing the tamping machine onto the NSP.
- ≥ Sand will filter into the joint when it applies.
- ≥ Sweep the sand evenly on the top of the NSP.
- ≥ Clean the sand off the top of the NSP and ¼" down from the top of the joint of each NSP.

Tamping NSP

- ≥ Tamper must have a rubber mat.
- ≥ Trench tamper 12"x 24", use a 4 horse power tamper.
- ≥ When finished clean sweep sand off NSP.

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