

## BioMax™ Media Application for Permeable Pavements

The following sections describe general guidelines and recommendations for BioMax media application for permeable pavements. Always follow design specifications for proper permeable pavement performance. The following recommendations are intended for optimum BioMax performance, within design parameters.

**BioMax media treatment of bedding course:** Working with dry ASTM No. 8 (CSA 2.5-10) aggregate, spread a 2" layer and cover with 0.1 cu. ft. / 100 sq. ft. of bedding. Work BioMax media into aggregate with rake or mix with a roto tiller.

**Joint fill mix and alternate bedding course method:** Premix BioMax media with dry ASTM No. 8 (CSA 2.5-10) aggregate at a rate of 0.5% by volume (i.e. 0.5 cu. ft. with 100 cu. ft. aggregate), then apply as normal.

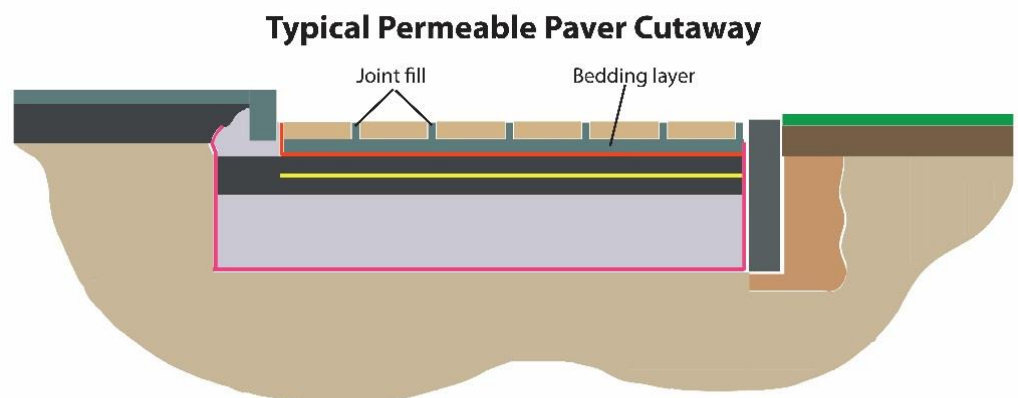
**Bedding Course:** Moisten, spread, and screed the ASTM No. 8 (CSA 2.5-10) aggregate bedding layer in one 2" thick lift. Surface tolerance of the ASTM No. 8 (CSA 2.5-10) bedding course should be +  $\frac{3}{8}$ " over 10'. Construction equipment and pedestrian traffic on screed bedding course should not be permitted.

**Paver:** Pavers should be placed in the pattern shown on drawings. Lay units hand tight to designate laying patterns. Units have lugs to maintain consistent joint width. In sloped conditions, it would be preferable to start laying from the bottom working uphill. The minimum slope recommended for permeable pavement surface is 1%. When subject to vehicular traffic, cut units should not be smaller than  $\frac{1}{3}$  of a whole paver. Make sure to maintain the proper joint width between the cut paver pieces. In vehicular applications, pattern strength will increase if laying pattern is perpendicular to traffic flow.

**Post Installation Protection:** Prevent contamination of your porous (permeable) pavement system from fine aggregates and debris by maintaining Erosion and Sedimentation (E&S) measures at the perimeter.

**Note:** BioMax needs to be mixed dry into dry soil or aggregate.

If this cannot be done, pre-mix desired amount of dry sand first.



BioMax™ media should be mixed within the joint fill and bedding layer for maximum treatment effectiveness.