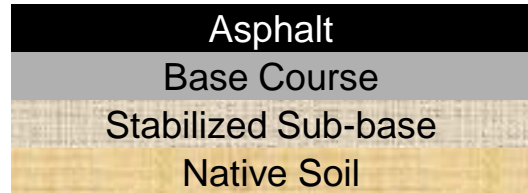


EZBase[®]

STABILIZED SUB-BASE INSTALLATION

This use guide is a general instruction for installing EZBase as a sub-base stabilizer and should not be used in place of project specific engineering direction.

Typical installation
cross section



General Construction Procedure

1. Material Handling and Storage
 - a. Once delivered to the job site, EZBase should be placed and compacted as soon as possible.
 - b. Appropriate measures should be taken by the installer to minimize dusting from staged EZBase at the job site.
2. Initial Preparation
 - a. If required, undercut and dispose of the amount of sub-base material that will be displaced with EZBase according to the engineer's direction.
 - b. Perform further shaping required to obtain crown and grade.
 - c. It is recommended that the sub-base surface be damp prior to the placement of EZBase to prevent excessive loss of moisture due to absorption.
3. Product Installation
 - a. Directly apply the specified amount of EZBase on top of the prepared section as directed by the engineer.
 - b. Evenly distribute the EZBase. Use of a motor grader or bulldozer is suggested to get even distribution. (Figure 1)
4. Blending
 - a. The material should be blended uniformly to the specified depth as prescribed by the engineer. (Figure 2)



figure 1



figure 2

- b. If water is required to bring soil to optimum moisture, add after the first pass of blending. If water is added, another blending pass will be required.

5. Compacting

- a. Utilize compaction equipment until the desired density is achieved. Note: Some contractors have found that the use of a pneumatic tire roller is beneficial in achieving the required level of compaction. (Figure 3)
- b. After compaction, the material is capable of handling immediate traffic.



figure 3

6. Finishing

- a. Dress and finish as required

Testing Stabilized Sub-base

When testing density with a nuclear gauge, it is suggested that the soil moisture be determined using a speedy moisture gauge or a laboratory oven method due to the false moisture readings the nuclear gauge may get from EZBase. It is suggested the density be calculated manually using the external moisture reading or that the gauge is adjusted by following the manufacturers instructions. (Figure 4)



figure 4

Important Limitations

- The Florida Department of Environmental Protection recommends that EZBase, either alone or mixed with other materials, should not be used in contact with ground water or surface water bodies. JEA recommends a six inch (6") separation of EZBase from the seasonal high water table.
- Do not use EZBase to displace water on the job site as it will affect the curing process and the performance properties.
- Do not arbitrarily mix EZBase with other construction materials other than the natural soil or natural aggregate.
- EZBase will install without problem in light to moderate rain. However, it is suggested that if heavy rain is expected during the planned installation time, the installation should be rescheduled.



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