

ITEM 17203.0324 M - LIGHTWEIGHT EMBANKMENT IN PLACE (7.0 kN/m³ LOOSE DENSITY)

ITEM 17203.0325 M - LIGHTWEIGHT EMBANKMENT IN PLACE (8.5 kN/m³ LOOSE DENSITY)

ITEM 17203.0326 M - LIGHTWEIGHT EMBANKMENT IN PLACE (12.5 kN/m³ LOOSE DENSITY)

DESCRIPTION

Furnish and place lightweight material to complete the embankment shown on the plans or as ordered by the Engineer.

MATERIALS

Furnish clean and free-draining blast furnace slag, expanded shale or other material approved by the Regional Geotechnical Engineer, or from the Materials Bureau's Approved List of Sources of Fine and Coarse Aggregates, having a loose density of no more than 7.0 kN/m³ for Item 17203.0324M , 8.5 kN/m³ for Item 17203.0325 M, or 12.5 kN/m³ for Item 17203.0326 M. Determine the loose density by weighing the drained material struck in a truck body or other container of known volume. Drain the material to the satisfaction of the Engineer. The frequency of testing shall be at the discretion of the Engineer.

If blast furnace slag, or any material classified by the Department of Environmental Conservation as a solid waste is to be used, provide documentation showing that it has undergone a NYSDEC beneficial use determination (BUD) prior to its use as specified in Section 360-1.15 of 6NYCRR Part 360, "Solid Waste Management Facilities, Title 6 of the Official Compilation of Codes, Rules and Regulations."

CONSTRUCTION DETAILS

Construct the embankment in accordance with Section 203 of the Standard Specifications, except as herein modified. The following requirements shall not apply:

1. The density requirements both in the embankment and in the subgrade area
2. The maximum particle size in the subgrade area
3. Proof rolling
4. Compaction

Construct the embankment in loose lifts not less than 1.5 times the greatest particle dimension nor greater than 0.3 m in thickness for Item 17203.0325 M or 0.6 m in thickness for Items 17203.0324 and 17203.0326 M. Compact each lift with two passes of a Smooth Steel Wheeled Roller meeting the requirements of Subsection 203-3.12 B4 of the Standard Specifications.

Prior to placement of the overlying Item, chink the top surface of the lightweight embankment with lightweight material to the satisfaction of the Engineer.

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METHOD OF MEASUREMENT

Measurement of the lightweight material is computed in the final compacted position between the payment lines shown on the plans or between revised payment lines established by the Engineer prior to performing the work.

BASIS OF PAYMENT

Payment, in cubic meters, includes the cost to furnish labor, materials and equipment necessary to determine the material density and satisfactorily complete the work. No extra payment will be made for any loss of material which may result from foundation settlement, erosion or any other cause.

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