

855 – SOLID INTERLOCKING PAVING UNITS (PAVING BRICKS)

SECTION 855

SOLID INTERLOCKING PAVING UNITS (PAVING BRICKS)

855.1 DESCRIPTION

Install solid interlocking paving units (paving bricks) at the locations designated in the Contract Documents.

BID ITEM

Paving Brick

UNITS

Square Yard

855.2 MATERIALS

Provide paving bricks that comply with **DIVISION 300**.

855.3 CONSTRUCTION REQUIREMENTS

Unless otherwise shown in the Contract Documents, construct the base to the lines and grades shown in the Contract Documents.

If edge restraints are specified, install the edging as recommended by the manufacturer. Provide the Engineer with a copy of the manufacturer's recommendations for installation.

Unless otherwise shown in the Contract Documents, spread an uncompacted sand bedding course over the base. Level the sand bedding course approximately one inch thick or as specified in the Contract Documents. Do not disturb the sand bedding course after it is leveled to the desired elevation.

If shown in the Contract Documents, remove and reset paving bricks in good condition salvaged from the project or provided by the owner. If no bricks are provided or salvaged, provide new paving bricks.

When specified lay the paving bricks in the pattern shown in the Contract Documents. Unless otherwise shown in the Contract Documents, lay the paving bricks with joints approximately $\frac{1}{8}$ inch wide. If necessary at the edge of the paved surface, cut the paving bricks to fit. Cut paving bricks must have a clean, straight edge. Do not use bricks cut to less than $\frac{2}{3}$ of their original dimension.

If the paving bricks are set on a sand bedding course, use 2 or 3 passes with a vibrating compactor to vibrate the paving bricks into the sand bedding to their final elevation. The surface of paving bricks adjacent to drainage inlets, concrete collars, or channels must be $\frac{1}{8}$ to $\frac{1}{4}$ inch above the adjacent structure. Do not vibrate the paving bricks within 3 feet of an unrestrained edge. Spread joint sand over the compacted paving brick surfaces, and allow the sand to dry. Use a vibrating compactor to vibrate the dry sand into the joints and compact the sand joints. Fill and compact the joints the same day the paving bricks are laid. Do not fill the joints and vibrate the paving bricks within 3 feet of an unrestrained edge. Protect the uncompacted edge of the laying face and the sand bedding course from the weather.

Correct deviations after the final rolling in excess of $\frac{1}{4}$ inch using a 10-foot straightedge unless the contour of the area exceeds this tolerance. Advance the straightedge along the surface, parallel and transverse to the centerline of the pavement, in successive stages of not more than half the length of the straightedge.

855.4 MEASUREMENT AND PAYMENT

The Engineer will measure the paving brick by the square yard. The Engineer will measure to the neat lines shown in the Contract Documents.

Payment for "Paving Brick" at the contract unit price is full compensation for the specified work.