

ITEM 615.0295 10 M – WEED BARRIER TAPE

DESCRIPTION:

This work shall consist of preparing concrete and/or asphalt surfaces for placement of weed barrier tape and installing Weed Barrier Tape along the joint between concrete curb and asphalt or concrete surfaces to prevent weeds from growing up through the joints, in accordance with contract plans.

MATERIALS:

Materials used for Weed Barrier Tape shall be manufactured by one of the following or approved equal:

Road Tape
Traffic Monitoring Technologies, Inc.
6510 Chantilly Drive
Sykesville, Maryland 21784
Tel: 410-549-8779
Fax: 410-549-5113
kdixon1@erols.com

Bituthane/Mastic Tape
Trigg Industries International, Inc.
7007 Willoughby Avenue
Los Angeles, California 90038
Tel: 323-845-9390
Fax: 323-845-9503
www.triggindustries.com

#53 Seal Tape
Mar-Mac Construction Products, Inc.
PO Box 447, US Highway One North
McBee, South Carolina 29101
Tel: 877-962-7622
Fax: 843-335-5909
www.marmac.com

POLYKEN 860
Can-Do National Tape
P.O. Box 40366
Nashville, Tennessee 37204
Tel: 615-255-1775
Fax: 615-256-6557
www.can-dotape.com

The color of the weed barrier tape shall be grey or black.

The tape shall consist of a 1) non-skid top surface, 2) high strength, heat resistant polypropylene/polyethylene mesh, 3) a layer of self-adhesive Butyl Rubber mastic, and 4) removable protective release film covering the mastic side. The contractor shall supply a sample of the weed barrier tape to the Engineer for his review and approval. The contractor shall order the weed barrier tape only after the approval of the Engineer.

Pre-emergent herbicide shall consist of one of the following materials: Oust, Roundup or Weed-b-gone properly mixed with water according to the manufacturers suggested proportions.

CONSTRUCTION DETAILS:

Surface Cleaning and Preparation of Pavement Surfaces.

Surface cleaning and preparation work shall be performed only in the area of the Weed Barrier Tape. Existing weeds, if any, shall be removed prior to placing the Weed Barrier Tape. After weed removal and proper disposal the Contractor shall clean the concrete and/or asphalt surfaces 100 mm on either side of the joint between concrete and asphalt/concrete surfaces. The surface,

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over which the tape will be placed, shall be power-washed with a min. pressure of 6895 kilopascals with clean clear water and surface dry. At the time of application of tape, all pavement surfaces shall be free of oil, dirt, dust, grease, curing compounds, and similar foreign materials. The Contractor shall be responsible for cleaning the pavement surface to the satisfaction of the Engineer.

The contractor shall then place the 150 mm wide Weed Barrier Tape longitudinally and centered over the joint, in accordance with the plans and these specifications. A pre-emergent herbicide shall be sprayed in the cleaned joint just prior to placement of the tape with care taken not to spray the horizontal concrete and or asphalt surfaces. Herbicides shall be applied to the crack in keeping with regulations concerning designated wetland areas. Tape shall be placed in lengths not to exceed 1.83 meters. When weed barrier tape is applied under traffic, the contractor shall provide all necessary flags, markers, signs, etc in accordance with the MUTCD to maintain and protect traffic and to protect tape installation operations.

Weather and Seasonal Limitations. Table 688-1 of the Standard Specifications shall apply.

METHOD OF MEASUREMENT:

Weed barrier tape will be measured as the number of linear meters along the centerline of the tape that has been satisfactorily placed and will be based on a 150 mm wide tape.

BASIS OF PAYMENT:

The accepted quantities of weed barrier tape will be paid for at the contract unit price, which shall include the cost of furnishing all labor, materials and equipment to satisfactorily complete the work. No separate payment will be made for maintenance and protection of traffic but this cost is to be included in the price bid for the maintenance and protection of traffic item. The cost of removing any existing weeds and cleaning pavement surfaces of oil, dirt, dust, grease, concrete curing compounds and similar foreign materials shall be included in the price bid.