

ITEM 08559.21 M - ANTI-GRAFFITI PROTECTANT

DESCRIPTION: This work shall consist of applying a surface protection coating to new and existing wood, concrete, masonry, or metal surfaces to protect the substrate against damage by graffiti and to facilitate the removal of any subsequently applied graffiti.

MATERIALS: The coating used shall be approved by the Engineer for the surface requiring the work and shall meet the following requirements:

The coating used shall be a water-based emulsion of a petroleum based chemically modified micro crystalline plastic bonded with ultra violet light absorbers.

The coating used shall be non-toxic and comply with the volatile organic compound (VOC) requirements of New York State Department of Environmental Conservation regulation 6NYCRR Part 205, Architectural Surface Coatings.

The coating used shall be a clear drying, water-based, sacrificial, non-gloss, protective coating which does not darken or alter the original color of the surface it is applied to.

CONSTRUCTION DETAILS: Removal of any vines, weeds or brush necessary to acquire access to the work area is included in this item. No trees over 100 mm in diameter are to be removed. No clinging vines, trees, or shrubs are to be removed without approval of the Engineer.

All surfaces shall be thoroughly cleaned before application. All dust, dirt, oil, grease, and other substances which might prevent proper adhesion shall be removed. No sand blasting or burning shall be permitted. If the surface needs to be cleaned of existing graffiti before this item can be applied, the cost of graffiti removal shall be included in this item.

All surfaces which have been properly cleaned shall be approved by the Engineer prior to the application of the protectant. Any recleaning required shall be done at no additional cost to the State.

The approved coating shall be applied, as per the manufacturer's specifications, with conventional equipment (i.e. brush, roller, or airless spray).

METHOD OF MEASUREMENT: The Anti-Graffiti protectant shall be measured per square meter of area applied. Measurement shall be taken as a flat plane. No allowance will be made for depth of joints, overhangs, stone faces, or concrete patterns.

BASIS OF PAYMENT: The unit price bid for this item shall include the cost of all labor, materials and equipment necessary to complete the work.

No payment will be made for repair of, or replacement of damaged materials which was made necessary due to the Contractor's operations.