

Designer Note: Use this special in conjunction with PROTECTIVE COAT (SPECIAL). It is used to fill cracks in existing bridge parapets (and other concrete items) as required by the Bridge Maintenance Engineer. Estimated quantity is approximately 1 gallon of SURFACE FILLER (SPECIAL) for every 1,000 Square Yards of PROTECTIVE COAT (SPECIAL).

### **SURFACE FILLER (SPECIAL)**

Effective: April 23, 2010      Revised: October 1, 2023

This work shall consist of filling cracks over 1/32" with a gun-grade elastomeric sealant prior to overcoating with "Protective Coat (Special)".

Material. The material shall be a 1-component, polyurethane-based, non-sag elastomeric sealant that meets ASTM C-920, Type S, Grade NS, Class 100/50, use T, NT, G, M, or other material as recommended in writing by the manufacturer of the material used in Protective Coat (Special).

Construction. All cracks shall be sound, dry, and clean of any foreign material. The intent is primarily to caulk cracks greater than 1/32"; it is not essential, nor even intended, to fill every bug hole, spall, or other large defect. Curing time shall be as recommended by the manufacturer, but a minimum of one day cure time shall be allowed prior to overcoating with "Protective Coat, Special".

A manufacturer's technical representative shall be available for phone consultation on, or prior to, the first day of surface filling operations to ensure correct interpretation of the Manufacturer's specifications.

Method Measurement. The surface filler will be measured for payment in Gallons used in place to the nearest 0.1 Gallon.

Basis of Payment. The surface filler will be paid for at the contract unit price per Gallon for SURFACE FILLER (SPECIAL).