

ITEM 18555.7901 M - CRACK REPAIR (COSMETIC)

DESCRIPTION.

Repair cracks (about 2 to 10 mm in width) in portland cement concrete by blast cleaning and injecting a silicone sealant into the dry crack. Perform the work at locations indicated on the Contract Plans or where ordered by the Engineer.

MATERIAL REQUIREMENTS.

Water
Silicone Joint Sealants

has been
Disapproved

712-01
Approved List

CONSTRUCTION DETAILS. Clean the crack surface, and as deep into the crack as practical with water or abrasive blasting, to provide a clean, dry surface for bonding of the sealant.

If the crack is wet, allow the crack area to dry, or use oil-free air to blow the surfaces of the crack dry. Wait an additional drying day before injecting the sealant. If contamination occurs, repeat the cleaning and drying process.

Use a color matched, one component (hand-held cartridge type or similar) toolable sealant whose brand name appears on the Approved List. Inject the sealant into the dry crack to a minimum depth equal to the crack width, strike off flush with the adjacent surface, and clean up any excess.

Perform the work when the ambient air temperature is 5°C or greater.

METHOD OF MEASUREMENT. The work will be measured as the number of linear meters of crack repaired.

BASIS OF PAYMENT. Include the cost of all labor, materials and equipment necessary to complete the work in the unit price bid per linear meter.