

3902 FORM COATING MATERIAL

3902.1 SCOPE

Provide form coating material that will prevent bonding between a form, dowel, or other object and concrete.

3902.2 REQUIREMENTS

Provide form coating material listed on the *Approved/Qualified Products List* and meeting the following requirements:

- (1) Made of a chemical release agent that does not contain ordinary lubrication oil, conventional form oil, fuel oil, or kerosene, and has a flash point of at least 149 °F when tested in accordance with ASTM D92, *Standard Test Method for Flash and Fire Points by Cleveland Open Cup Tester*
- (2) Prevents bonding to concrete
- (3) Does not penetrate, stain, or leave a residual film on the concrete surface; and
- (4) Does not attract dirt or other deleterious matter

Apply the form coating material at a rate recommended by the manufacturer to provide a smooth surface free of dusting action caused by reactions of the chemical release agent.

As a substitute for a form coating material listed on the *Approved/Qualified Products List*, the Contractor may provide epoxy coated dowel bars utilized in dowel bar baskets and dowel bar retrofits (DBR) coated with a factory applied, Department-approved petroleum, paraffin based lubricant with a manufacturer stated use as a bond breaker.

3902.3 SAMPLING AND TESTING — (BLANK)