



## WELD-CRETE® GUIDE SPECIFICATIONS

### Division 3 & 9

#### 1. General

- 1.1 Product Handling
  - a. Deliver Weld-Crete® to job in original container with seals unbroken and use without reducing.
  - b. Materials Storage: Protect Weld-Crete® from freezing.
- 1.2 Environmental Conditions
  - a. Air and surface temperatures must be above freezing during application of Weld-Crete®.

#### 2. Products

- 2.1 Materials
  - a. Bonding Agent: Weld-Crete®, Larsen Products Corp., Jessup, Maryland.

#### 3. Execution

- 3.1 Surface Preparation
  - a. Surfaces to receive Weld-Crete® **MUST BE CLEAN**, free from loose material, dust, dirt, oil, grease, wax, loose paint, mildew, rust, laitance or efflorescence. If preparing an old concrete floor surface (steel trowel finish), mechanically scarify the surface and follow with an acid wash and thoroughly rinse with clean water. An economical method for cleaning concrete floor surfaces is to use a 10% muriatic acid solution followed by a thorough washing. Degreasing solvents such as Varsol are also effective.
  - b. Surfaces to receive Weld-Crete® **MUST BE STRUCTURALLY SOUND**. On newly placed concrete floors to receive a bonded topping, give the surface a rake or broom finish. Surfaces with form-releasing agents, curing compounds, hardeners and sealers must be compatible with Weld-Crete®. Glossy painted surfaces should be dulled with an abrasive. New paint should cure 7 days before applying Weld-Crete®. Paints must be firmly adhered to the substrate. Do not apply over paints or materials that are soluble in water. Do not apply over frozen concrete or plastic surfaces. Weld-Crete® may be placed over dry or damp surfaces (eliminate all water puddles). Do not apply where hydrostatic pressure is present in the substrate. Surfaces should be inspected for excessive cracking and properly prepared prior to application of the bonding agent.
- 3.2 Installation
  - a. Application of bonding agent: Apply Weld-Crete® uniformly, using brush, roller or spray, to form a continuous blue film over the entire surface. Allow one hour to dry. **EXCEPTION: FAST SET PATCHING CEMENTS AND GROUTS MUST BE APPLIED WHILE THE WELD-CRETE® FILM IS STILL TACKY.**
  - b. Inspection of bonding agent: Prior to placement of cementitious topping, inspect bonding agent application for continuity of blue film over the entire bonding surface. Do not apply new concrete to frozen Weld-Crete®. Reapply Weld-Crete® over areas not satisfactorily covered. Protect the applied film from dirt and debris until the fresh concrete overlay is in place.

FIGURE 1:  
Weld-Crete

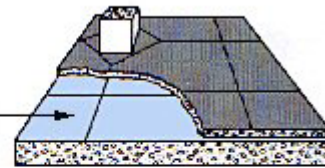


FIGURE 2:  
Weld-Crete

