



Caulks & Coatings

Fluorodyn® Caulk Application Instructions

Surface Preparation: Priming is not usually necessary when surfaces are

Thoroughly cleaned. Coat a test area to make certain of good adhesion.

Prepare surfaces according to these guide lines:

Steel: Before sand blasting remove all traces of oil and grease using a suitable

Detergent, followed by a clean water washing.

All Steel surface should be sandblasted to white metal in accordance with NACE

Specification # 1.

Dust and sand particulate should be removed by suitable means.

Aluminum: Surface must be roughed up either by sand blasting or mechanically to ensure a sufficient anchor pattern. Remove all oxidation.

Dust and particulate should be removed.

Wipe surface clean with Methyl Ethyl Keytone prior to application.

For additional adhesion surface can be primed with Chemloc 5150.

Flexible Materials: Rubber plastics, fabric, etc., should be cleaned of surface contaminants.

Concrete Surfaces:

New surfaces: should have all construction dust and curing compound removed. Free of all loose contaminates.

Old Surfaces: should be cleaned to remove any surface contaminants. Thermodyn highly recommends hydroblasting or sandblasting prior to application.

Application Temperature: Fluorodyn Caulk made with Viton® was designed to be applied at ambient temperature. Thermodyn recommends testing prior to use.

Application Methods: Caulk or trowel product to desired thickness.

Curing Material: Allow material to dry for 48 hours or longer if possible, depending on the thickness of application. After material is completely dry, step curing is recommended to vulcanize caulk. Increase temperature 50° every 30 minutes once all solvent has evaporated. Increase temperature to 250°F and hold for 1 hour. Note: Rapid increase in temperature and wet caulk, will result in blistering of caulk.

For additional Vulcanization methods please contact Thermodyn (800) 654-6518.

Caulk Storage: Caulk should be stored in a cool dry area. For extended storage, material should be stored in refrigerator.

