



# Love & Associates

MANUFACTURERS OF  
INDUSTRIAL COATINGS

TECHNICAL  
DATA SHEET

## 190-10 BLACK PRIMER

**DESCRIPTION:** 190-10 BLACK PRIMER. A single component Low VOC/ Low HAP primer providing super-fast dry with excellent protection of steel surfaces through corrosion resistance and improved adhesion of the primer-topcoat system.

190 -10 is formulated to maximize impermeability and adhesion, while providing a good surface for 14 - Series topcoats.

### TYPICAL USES INCLUDE

Storage Tanks and Piping  
Machinery and Equipment

Structural Steel  
Waste Containers

Cranes and Lift Equipment  
Buildings, Trucks and Trailers

### TYPICAL PHYSICAL PROPERTIES:

<b>COLOR:</b>	Black
<b>COMPONENTS:</b>	One
<b>GLOSS:</b>	Flat
<b>W.T./GALLON:</b>	11.31 +/- .2
<b>VOC:</b>	3.05 LBS/GAL
<b>VISCOSITY AT 77° F:</b>	30-35"/Zahn #2
<b>SHELF LIFE:</b>	2 Years
<b>SOLIDS BY WEIGHT:</b>	68.7 +/- .2%
<b>TEMP. RESISTANCE:</b>	225° F
<b>SOLIDS BY VOLUME:</b>	52.6 +/- .2%
<b>CHEM. RESISTANCE:</b>	Moderate
<b>THEORETICAL COVERAGE:</b>	841.6 ft <sup>2</sup> /gal @ 1 mil dft
<b>FLASH POINT:</b>	81° F, TCC
<b>RECOMMENDED D.F.T.:</b>	2-4 mils

**H.A.P.** 0.05 / lbs. solid gallon

**DRY TIME:** @ 77° F., 55% R.H.

To Touch: 15-20 Minutes  
To Handle: 2 - 4 Hours  
To Recoat: 12-16 Hours

**THINNING:** Spray: T-42 or Xylene

#### APPLICATION METHODS:

Spray, Dip, Electrostatic Spray

#### FILM THICKNESS:

Wet: 2.0 - 4.0 mils

Dry: 1 - 2 mils

#### APPLICATION EQUIPMENT:

CONVENTIONAL: DeVilbiss 510 Gun  
E Tip + Needle, 704 Air Gap

AIRLESS: Graco 30:1 Pump, 613 Tip  
or equivalent

#### CLEANING OF EQUIPMENT:

T-42 or Xylene

**PACKAGING:**

1 Gallon Cans

5 Gallon Pails

55 Gallon Drums

**APPLICATION CONDITIONS:**

Surface should be dry, above 40° F and at least 5° F above the dew point.

**SURFACE PREPARATION:**

Remove all grease, oil, dirt, dust or other contaminants

NORMAL SERVICE: SSPC–SP2 and 3 Hand and Power Tool Cleaning.

CORROSIVE SERVICE: SSPC–SP6 or 10 Commercial or Near White Metal Blast Cleaning. Use inhibitive primer such as 19 or 29 Series prior to top coating.

**PREVIOUSLY PAINTED SURFACES:**

Remove all grease, oil, dirt, dust or other contaminants.

PREFERRED: SSPC–SP6 Commercial Blast Cleaning

MINIMUM: SSPC–SP2 and 3 Hand and Power Tool Cleaning

**RECOMMENDED TOP COAT:** Alkyd Enamels, specifically 13 and 14 – Series Enamels

**SAFETY INFORMATION****DOT CLASSIFICATION: PAINT UN 1263**

**DANGER:** Causes eye burns and skin irritation. Vapor harmful. Dried film of this paint may be harmful if eaten or chewed. Contains organic solvent. Do not get in eyes, on skin or on clothing. Wear eye protective equipment when handling. Keep away from heat, sparks, and flame. Avoid breathing vapor or mist. Wash thoroughly after handling. Wear appropriate, properly fitted respirator (NIOSH/MSHA approved) during and after application unless air monitoring demonstrates vapor/mist levels are below applicable level. Follow respirator manufacturer's directions for use. Keep container closed. Where products contain lead, do not use in dwellings or on surfaces accessible to children. Keep out of reach of children.

**FIRST AID:** IN CASE OF EYE CONTACT, IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. CALL A PHYSICIAN. FOR SKIN CONTACT, FLUSH WITH WATER AND WASH WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING AND LAUNDRY BEFORE REUSE. IF INHALED, REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION, PREFERABLY MOUTH-TO-MOUTH, AND CALL A PHYSICIAN.

**NOTICE:** Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or **fatal**.

**FOR INDUSTRIAL USE ONLY**