



# Royal Shop Primer

( Grey, Red-Brown, Black)

## Product Bulletin

Royal Shop Primer is a waterborne polybitumen formulated as a higher performing corrosion and early water resistant coating for structural steel. In addition to its outstanding protection properties, it significantly reduces the hazards of working with volatile compounds found in other VOC coatings. Royal Shop Primer cannot ignite and because it does not create any toxic vapors, the odor, headaches, and nausea often associated with other coatings are completely eliminated. Royal Shop Primer provides greater corrosion resistance for metals and greater health protection for workers.

**WEATHERING**

2 mil DFT

Direct Southern Exposure  
12 Months

- FEATURES**
- ZERO VOC
  - ZERO FUMES
  - MILD ODOR
  - EXCEEDS STEEL STRUCTURE PAINT COUNCIL STANDARD FOR PERFORMANCE
  - WIDEST APPLICATION TEMPERATURE RANGE (37F – 120F)
  - No Hazardous Waste Generation

**PHYSICAL DATA**

Colors	Grey, Red-Brown & Black
Finish	Flat
Components	1
Packaging	<u>5,000 Gal Bulk</u> <u>275 Gal Totes</u> <u>55 Gal Drum</u> <u>5 Gal Pail</u>
VOC	Zero
Shelf Life	1 Year unopened
Surface Temp(F)	40 - 120
Volume Solids (%)	40 - 42
Viscosity (Zahn #3)	30 – 34 seconds

**SURFACE PREPARATION**

Best performance obtained from a clean, dry and oil free surface.

**DRYING , 1.25 DFT , 77F , 50% RH**  
(Results will vary with temperature, humidity and DFT)

Tack Free: 3 – 5 minutes  
To Touch: 10 – 15 minutes  
Tack Handle: 15 – 30 minutes  
To Recoat: 30 minutes

*Note: Consult your technical representative before topcoating*

**RECOMMENDED SPREAD RATE PER COAT**

	<u>Minimum</u>	<u>Maximum</u>
Wet mils (microns)	2.5(62)	7.5(187)
Dry mils (microns)	1(25)	3(75)
Coverage ft <sup>2</sup> /gal (m <sup>2</sup> /l)	640(16)	213(5)

**SAFETY PRECAUTIONS**

Read material safety data sheet before use. Wash and clean up thoroughly with soap and water after handling.

**PRODUCT WARRANTY**

Royal Coatings Inc. warrants that Royal Shop Primer has been manufactured under strict quality assurance standards. Royal Coatings Inc. warrants that these products are free from defects and are of the highest quality.

**APPLICATION METHODS**

Conventional....Fluid Pressure: 10 – 20 psi , Tip: .040” - .045”  
.....Atomization Pressure: 45 – 60 psi  
Airless....Pressure: 2000 – 2,500 psi ,Tip: .015” - .019”  
HVLP  
Brush, Roller or Dip

**MANUFACTURED BY**

Royal Coatings Inc.  
2705 Concord Road  
Belle Chasse, LA 70037 USA  
Phone: (504) 392-8811 Fax: (504) 392-2173

**SPECIFICATIONS**

A Minimum of 1 DFT is required. Films of 1.5 – 2.0 DFT offer optimum corrosion protection.  
Reduce with a maximum of 5% water (*DO NOT THIN WITH SOLVENTS*)

**DISCLAIMER**

The information contained in this bulletin is, to the best of our knowledge, true and accurate; but all recommendations or suggestions are made without guarantee, since the conditions of use are beyond our control. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.