

***Providing Solutions that Work***

## **WORK SCOPE / FOR BUILT UP GRAVEL**

Attn: ????

Job Location: ????

### **Description:**

IPP Coating System for existing Asphalt Built up Gravel Roofing System. The total area to be coated IPP / waterproofing / Roof Coating System is approximately ????? sq. ft.

The estimated completion time for this project is ?????????? The project time line may also be affected by crew size, safety issues, weather, or acts of God.

### **The Containment Coating System:**

IPP Roofing Spray Grade/Roller/Trowel Grades: Liquid-applied, Single component, / Plural Component air-cured / Activator (Calcium Chloride), rubberized asphalt emulsion.  
Waterproofing / Roof Coating System

IPP 250 HS High Chemical Resistant Silicone Top Coat: Liquid-applied, single component, White Silicone. IPP Waterproofing /Roof Coating Topcoat System

### **Materials Needed:**

1. Instacoat Roofing Spray Grade
2. Instacoat Roofing Roller/Brush Grade
3. Instacoat Roofing Trowel Grade
4. Instacoat 250 HS Silicone
5. Non-woven Geotextile / Polyester Fabric

### **Application Procedures**

1. Vacuum, Power broom and remove all loose stones (Optional) Power Wash (Pressure clean the asphalt imbedded stone Substrate at a minimum of 2,500 to 4,000 PSI at 4-5 gals /minute with a 25 degree tip). (you can use simple green as an option) Clean free of oils, grease, dirt or any other contaminates on the concrete / asphalt substrate.
2. All corners, penetrations, cracks, voids, and seams shall be reinforced using fabric and IPP Roofing Roller/Brush / Trowel Grade at a minimum thickness of 20 mils wet. These areas must be allowed to cure for a minimum of 24 hours prior to the application of the membrane. All shall be prepared according to the most recently published product technical bulletins.

3. IPP Roller/Brush should be rolled on all seams at a minimum of 20 mils wet thickness. Any cracks or large voids (bug holes/honey comb) should be filled in with IPP Trowel Grade
4. Apply IPP Roofing Spray Grade membrane. The membrane should be sprayed or rolled out at 80 mils wet to achieve 60 mils dry. (this should be done in three to achieve correct mileage. coats without Activator)(Calcium Chloride) Allow to cure for a minimum of 72 hrs. (Cure times may vary based on temperatures and humidity). Prior to application ensure that areas to be rolled or sprayed are clean and free from debris or windblown materials. Applicators should wear footwear that will not damage the Geotextile / polyester fabric or IPP membrane.
5. IPP Roofing Spray Grade should be applied evenly over entire area.
6. After allowing a minimum of 72 hours curing time (Cure times may vary based on temperatures and humidity). Test the IPP membrane for correct thickness in a grid pattern every 100 SF. Testing may be done using a manual Thickness Gauge or by coring the membrane. Make repairs to all areas used for quality control testing using the IPP Roofing roller/brush Grade.
7. Any areas found to be less than specified thickness will need to have another coat of IPP Roofing Spray Grade to bring the membrane into conformity with specifications.
8. Apply the IPP 250 HS Silicone Top Coat. The Silicone top coat will be rolled or sprayed at 30 mils wet. Applicator will ensure that areas to be rolled or sprayed are clean and free from debris or windblown materials. Applicators should wear footwear that will not damage the Geotextile / polyester or IPP membrane.
9. Allow a minimum of 72 hours curing time, test the IPP membrane for correct thickness in a grid pattern every 100 SF. Testing may be done using an manual Thickness Gauge or by coring membrane. Make repairs to all areas used for quality control testing to the most recently published product technical bulletins.

**NOTE:** Please feel free to call Anthony Miriani of Instacoat Premium Products @ 248-672-9713 if any questions occur during application. (amiriani@instacoat.com)

**NOTE:** Each project will have special conditions and these should be identified and addressed additional to this specification. If in doubt, seek the advice of IPP before proceeding.

The amount of preparation materials (i.e.; roller grade, trowel grade, fabric) are estimates only. The amount and size of existing cracks and holes in the substrate will affect the quantity needed.

Scope of Work includes a (???) Year Material & Labor Warranty.

Contractor will provide all labor for leak proof warranty for 2 years.