

## RG-2400® INSTALLATION INSTRUCTIONS

The guidelines for installation of **RG-2400®** are listed below, the basic principal is to achieve even distribution of approximately 25 MILS of product on the metal sub-substrate; "when it's blue, you're through".

### SURFACE PREPARATION:

1. It is the responsibility of the system owner to determine the extent of corrosion and pitting on the metal surface, and to determine if the percent of metal loss will allow for continued service based on system pressures and physical stresses from the pipe system can be withstood at the current metal thickness. This is not the insulation contractors responsibility.
2. Minimal surface preparation is required. Removal of any rust or corrosion scaling on the metal surface **MUST** be removed to allow the various corrosion inhibitors to be applied to the lowest layer of rust or corrosion (via wire wheel, wire brush etc). The surface should be cleaned after scale removal is complete. The surface is now ready for **RG-2400** to be applied.

### BASIC INSTRUCTIONS:

1. **RG-2400** can be applied in many ways; glove, Paint mitt, Brush, and roller. The preferred method by contractors is glove applied using PVC chemical gloves (rubber gloves tear).
2. Lift a half handful of **RG** out of the pail and apply to the top of the pipe, work the material around the sides and bottom until you can no longer see the metal surface. The opacity of **RG-2400** is such that when you can no longer see metal, you have applied enough **RG-2400** (appx. 25 MILS). Lightly go over the glove application with a brush to smooth out finger trails or palm indentations.
3. If you have large pipe or vessels, **RG-2400** can be sprayed directly from the 5gallon container with proper spray equipment. **Polyguard** sprayed a 6' x 24' ammonia receiver vessel in less than one hour, including penetration piping. Again, when you can no longer see metal through the **RG**, you have applied enough; even over a painted or primed surface. It is our recommendation that on large diameter pipe and vessels that you install our mesh fabric prior to installing your insulation and vapor barrier.
4. When spraying **RG** always wear eye protection and respirator mask. Read the SDS and contact your safety department before applying.

**FOR INFORMATION ON THE TYPE OF SPRAY EQUIPMENT REQUIRED, PLEASE CALL POLYGUARD AND WE CAN SUGGEST DIFFERENT SPRAY EQUIPMENT TO YOU AND DESCRIBE THE TYPES WE HAVE TESTED.**

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## GLOVE INSTALL



**CLEANING PIPE**

*(this pipe required only removing loose primer)*



**PIPE AFTER CLEANING**



**APPLYING RG-2400 (GLOVE)**



**RE-INSULATING**

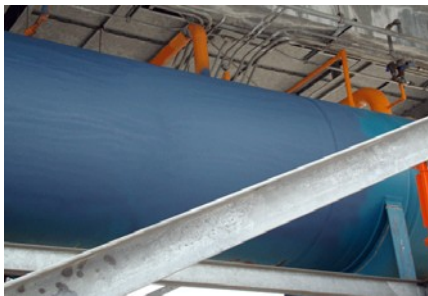
## SPRAY INSTALL



**SPRAYING TANK**



**SPRAYING TANK**



**SPRAY APPLICATION**



**APPLYING MESH CLOTH**

## VALVE GROUPS



**TYPICAL VALVE GROUP**



**APPLYING RG-2400**



**SMOOTHING RG WITH A BRUSH**



**RG CAN BE PROTECTED FROM WEATHER**