

## Application Specifications - ICO Rust Guard

1. On old rusted metal, solvent clean and remove all loose, flaking rust by wire brush (SSPC-SP2) or by mechanical means (SSPC-SP3).
2. On new hot rolled metal with mill scale present, it is always advisable to remove scale by abrasive blasting (SSPC-SP5). If not possible, then solvent wiping is acceptable, providing there is no mechanical wear. For areas seeing abrasion, such as metal floors, hand grinding to provide a profile at least 25% of the final dry film thickness (DFT) is recommended.
3. After grinding always wipe with clean tack rags to remove the dust.
4. Do not apply over existing paint unless tested by application of a small sample of Rust Guard, followed by a 24 hour cure and adhesion test.
5. No primer is necessary.
6. Do not apply below 50°F, nor should Rust Guard be applied at temperatures within 5°F of the dew point.
7. Agitate Parts A and B separately for about a minute at low speeds then combine and mix for another 1-2 minutes with a low speed (<700 rpm) Jiffy-style mixer until totally uniform in color and consistency.
8. No thinning is necessary, however, if material is too viscous you can add up to 10% MEK.
9. For brush or roller application use a good quality natural or synthetic bristle brush or 1/8"-1/4" nap roller. For airless spray, pumps should be a 40:1 or higher ratio, able to generate 3000 psi. Use a nozzle tip of .021 with reversible cleaning tip.
10. Apply a single coat of Rust Guard at 160-200 SF/gallon (8-10 mils DFT). If a second coat is required, allow the first coat to dry tack free (5-6 hours @77°F) and apply the second coat. If the first coat is allowed to dry hard (no indentation) then it must be sanded prior to recoat.
11. For heavily rusted metal, apply two coat of ICO Rust Guard at 8-10 mils per coat.
12. For highly corrosive conditions apply a top coat of one of our more chemically resistant coatings (see International Coatings Chemical Resistance Chart).