

Corrosion Protection from the Power of Nature

3M™ Weld-Thru Coating II (PN 05917) uses the power of nature to provide corrosion protection between panels after repairs. The zinc contents of 3M™ Weld-Thru Coating II (PN 05917) corrode in preference to the steel it is in contact with, this process is known as Bi – metallic corrosion is well known and the basis for zinc being the choice of manufacturers worldwide as a preference versus copper coating as a corrosion preventative material over steel.



Copper 125 Hour Salt Fog



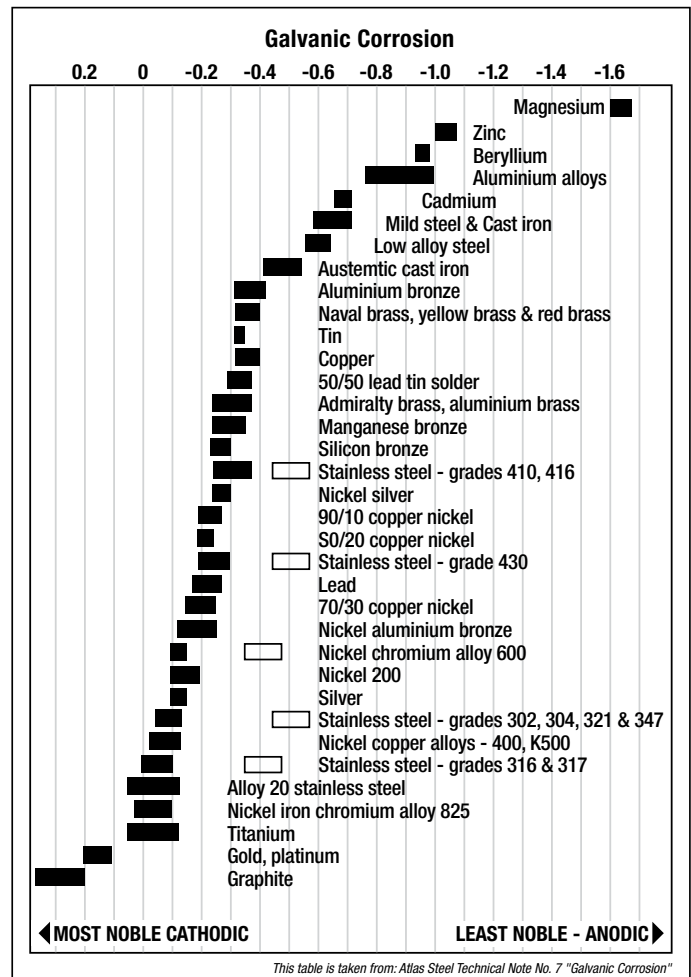
Zinc 500 Hour Salt Fog

The chart above displays the electrical activity of metals and known cathodic/anodic reactions resulting in the degradation of steel when in contact with copper, and conversely the degradation of zinc when in contact with steel.

For best results

- Apply to the mating flanges of parts immediately after cleaning the weld surfaces of coatings, sealers and other contaminants
- Apply 2 medium coats to ensure coverage and allow to dry
- Fit up panels and clamp in place
- If MIG plug welding: for best results remove the coating from the weld site using an abrasive (such as a 3M™ Bristle Disc)
- Test for proper welder setting on scrap parts prior to actual welding of body parts
- Remove 3M™ Weld-Thru Coating II (PN 05917) overspray from areas outside the weld flange contact surface, 3M™ Weld-Thru Coating II (PN 05917) is not a substitute for paint line primers.
- After welding is complete, apply 3M™ Rust Fighter-I, 18 ounce aerosol, PN 08892 (cavity wax) or 3M™ Undercoating to complete the corrosion protection package and ensure maximum protection.

At participating distributors. For complete details, contact your 3M Distributor or 3M Sales Representative.





(Picture of cleaning at plug site using bristle disc)

Part No.	Description	Size	Case
05917	3M™ Weld-Thru Coating II	12.75 oz	6 Cans
07525	Scotch-Brite™ Roloc™ Bristle Disc, 80 grit	2 in.	4 Boxes
07531	Scotch-Brite™ Bristle Disc, 80 grit	1 in.	4 Boxes

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For more information visit our website: 3MCollision.com

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