

GRABBERGARD® COATING

ACQ Compatibility and Corrosion Test Update
January 5, 2005

The Osmose-MSU tests yielded other interesting results. We learned that use of an alloy base, in this case Zinc Nickel (in place of zinc/yellow chromate), significantly improves fastener corrosion resistance – comparable to stainless steel in this test. Zinc Nickel + GRABBERGARD® topcoat showed virtually no corrosion throughout the test and was the next best performer compared to stainless steel.

We also learned that the two variations of ACQ tested, Osmose's ACQ-Type D formulated with DDA chloride quat (labeled "NW-DDAC" in the photos) and ACQ-Type D formulated with DDA carbonate quat (labeled "NW-NT" in the photos) were actually less corrosive than the CCA- treated lumber in the test. It is safe to assume

that Osmose and the other major companies in the wood preservation market are working to make their ACQ chemistry more fastener-friendly. One treatment company recently told GRABBER® that the ACQ-treated lumber we are testing today is indeed less aggressive to steel fasteners than the ACQ-treated lumber we tested two years ago.

While no industry standard corrosion test exists for fasteners in treated lumber (ISANTA/AWPA & ASTM efforts are ongoing), the Osmose-MSU test is a step in the right direction. It gives concerned companies an independently run and controlled test – a means by which we can compare our products to already accepted products



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The Osmose-MSU test results confirm that GRABBERGARD® is acceptable for use in conjunction with ACQtreated lumber. The positive test results we received from MSU further demonstrate that GRABBERGARD® is a coating system that provides:

An optimum combination of cost-competitiveness and corrosion resistance – better performance than low-cost finishes like HDG and much lower cost than stainless while not sacrificing long-term protection

- A wide range of colors – custom color-matching is available if necessary
- Integrated coating lubricity to aid in easy installation
- Finish durability – GRABBERGARD® maintains adhesion to the substrate even after multiple installation/removal cycles
- Worldwide availability from high-quality, cost-conscious metal finishers.

GRABBER® realizes that competition is strong in this market. We have initiated a substantial R & D effort to create the next generation of GRABBERGARD® coatings and it will surely set the standard for performance in years to come. We plan to have more to report on this effort in 2005. Please contact GRABBER® if you need any more information about GRABBERGARD® or any of our other outstanding corrosion protective coating systems.