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Evaluating Cortec SilverBrite & Daubert papers on submitted materials

Background: Customer submitted aluminum screws and Daubert papers to Cortec Corporation. An evaluation and comparison is sought with Cortec SilverBrite paper.

Purpose: Evaluate the protection offered by Cortec SilverBrite and Daubert papers

Method: ASTM D 1748-83 (120 deg F, 100% R.H.)

Materials: Submitted alloy screws
Cortec SilverBrite paper
Daubert Nox/Rust Vapor Wrapper paper
Daubert Protek Wrapper paper

Procedure: Submitted screws were wrapped in Cortec SilverBrite, Daubert Nox/Rust Vapor Wrapper paper and Daubert Protek Wrapper paper. The three packages along with non protected screw were inserted into humidity cabinet.

Results:

| Material | Condition of submitted screws after 14 days |
|--|---|
| Submitted screw wrapped in Cortec SilverBrite paper and placed in humidity cabinet | No any tarnish on the screw |
| Submitted screw wrapped in Daubert Nox/Rust Vapor Wrapper paper and placed in humidity cabinet | Small amount of black tarnish on both ends of screw |
| Submitted screw wrapped in Daubert Protek Wrapper paper and placed in humidity cabinet | Small amount of black tarnish on both ends of screw |
| Submitted screw placed in humidity cabinet | Black tarnish on screw |

Photos attached

Conclusion: Cortec SilverBrite paper protected screw showed no difference from original, whereas, both the Daubert protected screws showed some amount of tarnish.

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Cortec SilverBrite



Daubert Nox/Rust



Daubert Protek



Control