The Leader in Rust Inhibitive Coatings

Date: 10/11/2013

Subject:
ASTM D3363 Standard Test Method for Film Hardness by Pencil Test

Sample Description:
One cold-rolled steel Q-Panel coated with Rust Bullet Standard Formula Rust Inhibitive Coating at 6 mil dry film thickness, applied in a 3 coat spray application. A smooth rigid substrate, properly cured for a minimum of 7 days.

Objective:
Determination of film hardness of Rust Bullet Standard Formula Rust Inhibitive Coating.

Method:
Testing performed in accordance with the procedures set forth in ASTM D3363
Ambient Atmosphere: 73°F / 50% Relative Humidity
Coated Panel placed on level, firm, horizontal surface / Pencil held firmly with lead against the film at a 45° angles (point away from operator), pushed away from operator.

Apparatus:
Derwent Graphite Calibrated Graphic Pencils,

Report:

Gough Hardness:	9H Pencil failed to gouge the film and did exhibit a slight crumbling of the edge of the lead. The test was repeated twice with 2 separate operators & 2 separate pencils with the same results
Scratch Hardness:	9H Pencil failed to rupture or scratch the film The test was repeated twice with 2 separate operators & 2 separate pencils with the same results

Conclusion: Rust Bullet Standard Formula Rust Inhibitive Coating Pencil Hardness is 9H

Kathline A. Spring 10.11.2013
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