HARBOR GUARD
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Evaluation of Flexibility

Harbor Guard | Flexibility Test Report

REPORT REFERENCE
PD24S-2004

01 Test information

Purpose	To evaluate the flexibility properties of Harbor Guard
Test sample	Harbor Guard
Substrate / test panel	Q Panel A46
Dry film thickness	11 - 13 µm

02 Test method

Test standard	ASTM D522 - Mandrel Bending Test
Scope	Determines resistance to cracking (flexibility) of attached coatings on sheet-metal substrates.
Method	After drying or curing, the coated panels are bent over a mandrel and examined for cracking.
Key points	Specimens are bent to specific angles or radii. The convex surface is examined for cracks or breaks.

03 Test photographs & reference

ORIGINAL TEST EVIDENCE



04 Test result

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3 mm (1/8 in) diameter: No crack, no deformation

38 mm (1 1/2 in) diameter: No crack, no deformation

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