



MANAGEMENT
ENGINEERING
ENVIRONMENT

CLIENT: Guardian Protective Coatings
PO Box 1108
Bentley DC WA 6983

YOUR REF: P/O 83

OUR REF: J/N 6112579/00

Certificate of Test No. 3872

Sample: Coated Steel Panel

Date Received: 6 January 2003

From: Guardian Protective Coatings

Description & Condition: 1 – off nominal 210 x 150 mm coated steel coupon

TEST DESCRIPTION: ADHESION BY KNIFE TEST, AS 1580.408.2

Sample Preparation:

Sample tested as received. Panel stored at 23±2°C, 50±20% RH, test conditions 22.5°C / 40% RH.

Test Method:

Knife adhesion test by intersecting cut method, generally in accordance with AS 1580.408.2-1993 "Paints and related materials. Method 408.2 Adhesion – Knife test" Method B. Cuts made using a fresh Swann-Morton #23 surgical scalpel blade.

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Test Results:

GHD Lab. No.	Client ID	AS 1580.408.2 Rating
P23332	2K H ₂ O Plastisol panel	0: Topcoat can be lifted approximately 1 mm from point with effort and damage to colour coat

AS 1580.408.2-1993 Adhesion Ratings:

Rating Scale	Appearance
0	No removal
1	Trace peeling or removal along incisions
2	Jagged removal along incisions up to 1.5 mm on either side
3	Jagged removal along most of incisions up to 3 mm on either side
4	Removal of most of the coating in the area subtended by the cuts
5	Removal beyond the area subtended by the cuts

 28/1/03
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Tested by Date

 28/1/03
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Approved by Date

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