



MANAGEMENT
ENGINEERING
ENVIRONMENT

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

YOUR REF: P/O 81

OUR REF: J/N 6112579/01

Certificate of Test No. 3884

Sample: Coated Steel Panel

Date Received: 20 February 2003

From: Guardian Protective Coatings

Description & Condition: 1 – off nominal 205 x 140 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 overnight, test conditions 24.5°C / 58% 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.

GHD Materials Technology Group
Suite 2, 14 Brodie Hall Drive
Technology Park
BENTLEY WA 6102
Tel: +61 8 9470 4126
Fax: +61 8 9355 1178



Test Results:

GHD Lab. No.	Client ID	AS 1580.408.2 Rating
P23432	2K H ₂ O PVDF panel	0: Topcoat can only be removed with destruction of 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

 21/2/03
.....
Tested by Date

 21/2/03
.....
Approved by Date

THIS CERTIFICATE OF TEST IS COPYRIGHT. REPRODUCTION OF THE WHOLE OR ANY PART THEREOF MUST NOT BE MADE WITHOUT THE EXPRESS PERMISSION OF GHD PTY LTD. THIS CERTIFICATE AND THE RESULTS SHOWN AND THE RECOMMENDATIONS MADE ARE BASED UPON THE INFORMATION DRAWINGS SAMPLES AND TESTS REFERRED TO HEREIN. GHD PTY LTD ACCEPTS NO LIABILITY FOR ANY DAMAGES CHARGES COSTS OR EXPENSES IN RESPECT OF OR IN RELATION TO INJURY OR DEATH OF ANY PERSON OR DAMAGE TO ANY PROPERTY OR OF OTHER LOSS WHATSOEVER ARISING EITHER DIRECTLY OR INDIRECTLY FROM THE USE OF THIS CERTIFICATE OF TEST THE CARRYING OUT OF ANY RECOMMENDATIONS MADE OR THE USE OF ANY GOODS OR MATERIALS REFERRED TO HEREIN.