

GLASS COTE  
Attention: Mr J de Rooy  
P O Box 55345  
SUNSET BEACH  
7441

Your ref. : CASH  
Our ref. : Z063  
Inquiries : A Molekoa  
☎ : (012)428 6143  
N° : 2116/Z063  
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Date : 2006-05-15

**COATED GLASS PANELS  
FINAL REPORT**

**1 DESCRIPTION OF SAMPLE**

The following samples were submitted by Mr J de Rooy of Glass Cote for testing.

<u>SABS Sample No.</u>	<u>Quantity</u>	<u>Sample Description</u>
Z063	30 X Glass panels	Grey coated

**2 SAMPLE SUBMITTED**

The samples were received in good condition and suitable for testing.

Date sample received : 2006-03-09  
Test commencement date : 2006-04-06  
Test completion date : 2006-05-15

**3 TEST REQUESTED AND METHODS**

1. Adhesion crosscut – ASTM D3359
2. Pull off Adhesion – ASTM D4541 ✓
3. Water resistance – ASTM D4585
4. Pencil hardness – ASTM D3363
5. Chemical resistance – ASTM D1308
6. Rub resistance - MEK
7. Adhesion in peel – ASTM C794

5 **CONDITIONING AND TEST ENVIRONMENT**

23 ± 2°C , 50 ± 5% relative humidity.

6 **SUB CONTRACTING OF LABORATORIES**

All tests were performed by Paints and Sealants Laboratory in Testing and Conformity Services.

7 **RESULTS**

PROPERTY	RESULTS	TEST METHOD
Adhesion crosscut, %	100	ASTM D3359
Adhesion pull off, MPa	No adhesion loss 3.0	ASTM D4541
Water resistance	N V D	ASTM D4585
Pencil hardness	6H	ASTM D3363
<b>Chemical resistance</b>	-	ASTM D1308
1. Ethyl alcohol	N V D	ASTM D1308
2. MEK	N V D	
3. Mineral spirits	N V D	
4. 5% Sodium hydroxide	N V D	
5. 5% Hydrochloric acid	N V D	
Rub resistance – MEK, Cycles	+200	200 minimum
Adhesion in peel, Force. N	No adhesion loss 157	ASTM C794

NVD = No visible defects

A Molekoa

TEST OFFICER: PAINTS AND SEALANTS

S Pelle

MANAGER: PAINTS AND SEALANTS