

VITREX (PTY) LTD
Attention: Mr Boris Yawitch
P O Box 13101
WITFIELD
1467

Your ref : VERBAL
Our ref : Y032
Enquiries : A.MOLEKOA
☎ : (012) 428 6143
N° : 7222/2507841/Y032
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Date : 2005-05-23

TESTING OF VITREOUS ENAMEL PANELS FINAL REPORT

1 DESCRIPTION OF SAMPLE

The following samples were submitted by Mr Boris Yawitch of Vitrex.

<u>SABS Sample No.</u>	<u>Quantity</u>	<u>Sample Description</u>
Y032	11 X Panels	150 X 75mm
	2 X Panels	100 X 100mm

2 SAMPLE SUBMITTED

The sample was received in good condition and suitable for testing.

Date sample received : 10-02-2005
Test commencement date : 05-04-2005
Test completion date : 23-05-2005

3 TEST REQUESTED AND TEST METHODS

1. Abrasion resistance – ASTM D4060 – CS17 Wheels, 1000g per Wheel
2. Thermal shock – BS 1344-1
3. Heat resistance – ISO 3248
4. Resistance to Sulphuric Acid – ISO 8290
5. Resistance to Citric Acid – BS 1344-2
6. Resistance to Alkali – EN 14483-4 (E)
7. Gloss 60° - SABS ISO 2813
8. Resistance to scratch – SABS 147
9. Cupping test – ISO1520
10. Resistance to Salt fog – ISO 7253
11. Resistance to Sulphur dioxide – ISO 3231
12. Resistance to Humidity – SABS 157

5 CONDITIONING AND TEST ENVIRONMENT

23 ± 2°C , 50 ± 5% relative humidity.

6 SUB CONTRACTING OF LABORATORIES

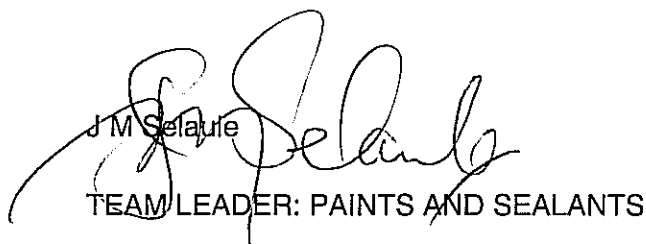
All tests were performed by Paints and Sealants Laboratory in Testing and Conformity Services

7 RESULTS

PROPERTY	RESULTS
Resistance to Abrasion	Complies – 0.0005
Resistance to Heat, 250°C	No visible defects
Resistance to Thermal shock, 250°C	No visible defects
Resistance to Sulphuric Acid	No visible defects
Resistance to Citric Acid	No visible defects
Resistance to Alkali	No visible defects
Gloss 60°	87.6
Resistance to Scratch, Kg	Complies - >5
Cupping test, mm	Complies - >0.2
*Resistance to Salt fog, 1000h	No visible defects
Resistance to Sulphur Dioxide, 5 cycles	No visible defects
Resistance to Humidity, 1000h	No visible defects

*** SANAS ACCREDITED METHOD**


 A Molekoa
 SANAS SIGNITORY
 TEST OFFICER: PAINTS AND SEALANTS


 J M Selatle
 TEAM LEADER: PAINTS AND SEALANTS

This test was performed by Testing and Conformity Services (Pty) Ltd, an affiliate of the SABS. This report relates only to the specific sample(s) tested as identified herein. It does not imply SABS approval of the quality and/or performance of the item(s) in question and the test results do not apply to any similar item that has not been tested. (Refer also to the complete conditions printed on the back of official test reports.)