

EPlast
Attention: Mr. Yusuf Karim
P.O. Box 82077
Southdale
2135

Your ref : Mark No: 5920
Our ref : ER302
Enquiries : MR K. Makhudu
☎ : 012 428 6057
N° : 2116/ER302R
Page : 1 of 3
Date : 05-07-2011

**TESTING TO SABS IEC 61084-1:1991
CABLE TRUNKING AND DUCTING SYSTEMS FOR ELECTRICAL
INSTALLATIONS
Amended Report**

This report supersedes the report number ER302 dated 21-06-2011

1 SUMMARY

A full specification test was performed. The samples tested comply with the requirements of SABS IEC 61084:1991 with respect to the test conducted. Refer to Clause 4 for the detail of the test performed.

2 DESCRIPTION OF SAMPLE

The following samples were submitted by: Mr. Yusuf Karim of EPlast.

<u>SABS Sample No.</u>	<u>Quantity</u>	<u>Sample Description</u>
ER302R	6 X 2M	No markings""

3 SAMPLE SUBMITTED

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

Date sample received : 08-04-2011
Test commencement date : 23-05-2011
Test completion date : 05-07-2011

4 TEST REQUESTED

To test the samples submitted for compliance with the requirements of SABS IEC 61084-1:1991. Amendment was done due to the change in company (Cool Seal Industries cc); to the trade name (EPlast)

5 METHODS OF TESTING

Methods used according to SABS IEC 61084-1:1991

6 CONDITIONING AND TEST ENVIRONMENT

23 ± 2°C , 50 ± 5% relative humidity.

7 SUB CONTRACTING OF LABORATORIES

All tests were performed by: Rubber & Plastics Laboratory of SABS Commercial (Pty) Ltd, except for electrical characteristics which were performed by the Lighting Technology of SABS Commercial (Pty) Ltd.

8 RESULTS

PROPERTY	REQUIREMENTS	RESULTS
Dimensions Internal usable surface area in cm ² :		
Small trunking	Nominal value not given	3.5
Big trunking	Nominal value not given	48.5
Linear deflection	1.0 maximum	0.6
Flame test	The sample does not ignite. The flame will extinguish within 30 seconds after the removal of flame	Complies
Impact test	Shall show no sign of disintegration nor shall there be any cracks visible to normal or corrected vision without magnification.	Complies
Electrical Characteristics	See report no: 2330/EI101 attached at the back	See report no: 2330/EI349
Markings	Each length of trunking and each trunking fitting shall be marked with the manufacturer's or responsible vendor's name, trade mark or other identifying symbol and the number of this specification. When trunking fittings are supplied in a package, a label attached to each package and marked as above will be sufficient marking.	N/A

This test was performed by SABS COMMERCIAL (Pty) Ltd.

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.)

9 **Disposition**

All test samples will be disposed off, if not collected within 3 months from date of this report



K. Makhudu

TEST OFFICER: RUBBER AND PLASTICS



CM Sibiya

MANAGER: RUBBER AND PLASTICS &
PAINTS AND SEALANT

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The Manger
Rubber &Plastics
Attention: Mr. K. Makhudu
Private Bag X191
PRETORIA
0001

Your ref: ER302
Our ref.: EI349
Enquiries: KD Dhimmar
Tel: (012)428-6209
Report No.: 2330/EI349
Date: 10-06-2011
Page: 1 of 2

TESTING OF PVC TRUNKING

1. TEST REQUESTED

The testing of a sample of PVC Trunking for compliance with the requirements of Clause 11.1 and 12.3 of SANS 61084 -1:1991.

2. DESCRIPTION OF SAMPLE

The sample consisted of a piece of grey coloured PVC Trunking approximately 520 mm in length and 40 x 25 mm in width. See page 2 for the photograph of the sample.

3. TEST METHOD

The tests were conducted in accordance with clause 11.1 and 12.3 of SANS 61084 -1:1991.

4. TEST RESULTS

4.1 Humidity Treatment 91% to 95% between 20°C and 30°C for 48 hours.

The sample complied.

4.2 Insulation resistance 500V (one minute).

The sample complied >100MΩ.

4.3 Electrical insulation strength 2500VAC @ 50Hz.(one minute).

The sample complied.

4.4 Glow -wire test 850°C.

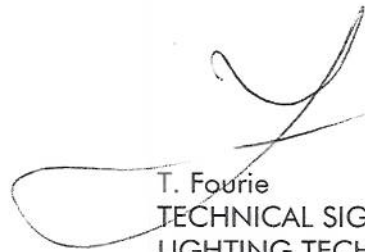
The sample complied.

5. CONCLUSION

The sample complied with the requirements of clause 11.1 and 12.3 of SANS 61084 -1:1991.

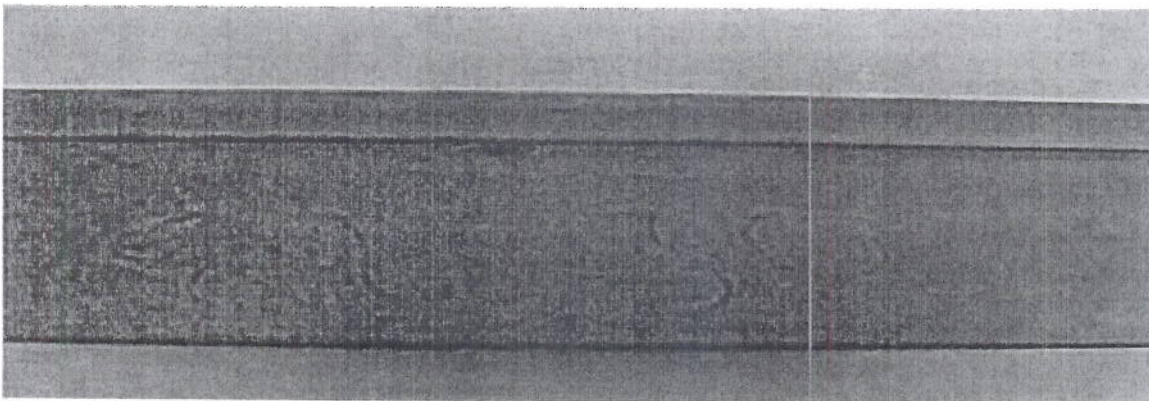
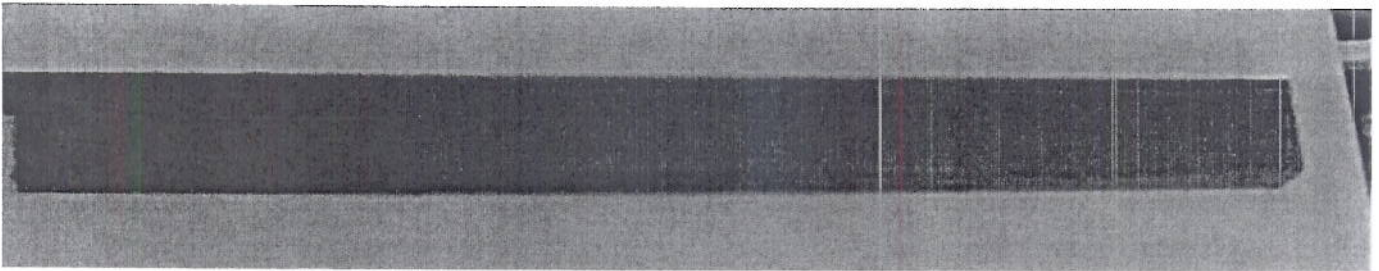


Tested by: KD. Dhimmar
TEST OFFICER
LIGHTING TECHNOLOGY



T. Fourie
TECHNICAL SIGNATORY
LIGHTING TECHNOLOGY

PHOTOGRAPH OF THE SAMPLE



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Customer Satisfaction Questionnaire: Rubber & Plastics/ Paints and Sealants Laboratory

It is the objective of Rubber and Plastics, Paints and Sealants laboratory to provide the best service possible. Please use this opportunity to give us feedback of the service delivery experience you had with us. This survey should take less than 5 minutes of your time to complete.

Name of BU : _____

Contact person : _____

Contact details:

Telephone : _____

Fax : _____

E-mail : _____

Please rate your satisfaction level with each of the following statements

- 5** = Very satisfied
- 4** = Somewhat satisfied
- 3** = Neutral
- 2** = Somewhat dissatisfied
- 1** = Dissatisfied

QUESTIONS	1	2	3	4	5
Are the test reports received tidy and unambiguous?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Are you satisfied with the turnaround time of the test laboratory?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Are you satisfied with the availability and support from the test officer?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Are you satisfied with the professionalism of our personnel (ethical behaviour, courteous, friendly, punctual, well presented and keep their promises)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Are you satisfied with the timeousness of the personnel's responses?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Are you satisfied with the technical knowledge and competence of the test officers?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Are we providing services that meet the needs of your business?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Rate your overall satisfaction with our laboratory services	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Comments & suggestions for service improvements:

This survey was designed to help us improve our service to our customers.

We thank you for making use of our services and appreciate the time you help us to better our service.

Please fax to (012) 428 6815 or e-mail to mokgabl@sabs.co.za.

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