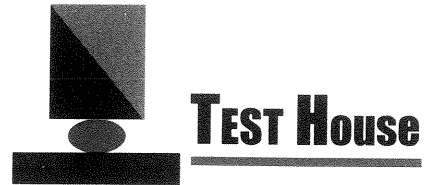


TEST REPORT

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Private Bag X191, Pretoria, 0001
Tel: (012) 428-7911 Fax: (012) 344-1568
Int. code +27 12
Website: www.sabs.co.za



Your ref: Acceptance
Our ref: Vr70
Enquiries: E Sename
☎ (012) 428-6057
No: 7222/2093116/Vr70
Page: 1 of 2
Date: 2002-05-07

Concrete Junction
Attention: Mr L Scott-Turner
PO Box 734
HONEYDEW
2040

POLYSTYRENE

1 DESCRIPTION OF SAMPLE

The following samples were submitted by Mr L Scott-Turner of Concrete Junction on 12/04/2002 and received in good order and suitable for testing.

<u>SABS</u> <u>Sample No.</u>	<u>Quantity</u>	<u>Sample Description</u>
Vr70	2	1m x 1m Plain Polystyrene board 1m x 1m Drainage Polystyrene board

2 TESTS REQUESTED

To test sample in accordance with the following ISO specifications:

- 2.1 Tensile strength - ISO 1926;
- 2.2 Compression set - ISO 844:1978;
- 2.3 Thermal conductivity - ISO 8302:1991,
- 2.4 Density - ISO 845:1988;
- 2.5 Water absorption - ISO 2896:1987,
- 2.6 Method of testing - drainage test:
Poured six liters of water in a rig, which consist essentially of a metal cylinder with a flange at bottom, supported in a vertical position on a circular baseplate of diameter equal to the external diameter of the flange and matching the flange in thickness.

SABS affiliated company

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 the official test reports.)

3 **CONDITIONING AND TEST ENVIRONMENT**

23 ± 2°C, 50 ± 5% relative humidity.

4 **TEST DURATION**


Testing commenced on 16/04/2002 and was completed 7 May 2002.

5 **RESULTS**

Property	Results	
	A	B
Density, kg/m ³	51.2	44.4
Compression set, KPa	509	615
Water absorption, %	0.2	0.21
Thermal conductivity, W/m.k	0.022	0.020
Tensile strength	27.5	32
Drainage Test (6 liters x 3 holes, 5mm diameter)		1 minute 36 seconds



E Sename
TEST OFFICER: RUBBER AND PLASTICS



J Massa
PROJECT LEADER: RUBBER AND PLASTICS