

## TEST REPORT

Your ref: Quotation  
dd 2013-08-08  
Our ref: C1/R239  
Enquiries: Mrs S Ngapo  
Tel: (012) 428-6078  
Date: 2013-09-26  
Report No: 2532/C1/R239  
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Polymer Pavements  
12 Barnato Road  
ALRODE SOUTH  
ALBERTON

### POLYSEAL COATED MATERIAL

#### 1 SAMPLES SUBMITTED

SABS sample No:  
K511

Sample Description:  
1x Green PolySeal coated material  
Dimensions:  $\pm 2.5\text{m} \times 2.5\text{m}$

Sample received is suitable for testing.

Date received:	2013-09-16		
Date tested:	Testing commenced on:	2013-09-20	
	Completed on:	2013-09-26	

NOTE - Unless we are specifically requested to retain samples for a longer period, samples tested will be disposed of after a period of 3 months.

#### 2 TESTS REQUESTED

- 2.1 To test the sample submitted for water resistance as per South African National Standard SANS 5099:2005 (Edition 3) *Water resistance of textile fabrics: Hydrostatic head test.*
- 2.2 To test the sample submitted for water resistance as per South African National Standard SANS 5266:2005 (Edition 4) *Water resistance of textile fabrics: Variable head test.*
- 2.3 To test the sample submitted for water resistance as per South African National Standard SANS 5300:2005 (Edition 4) *Water repellency of textile fabrics (Spray test).*

#### **/Conditioning.....**

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**3 CONDITIONING**

The sample was conditioned in a test atmosphere at a relative humidity of 65% ± 2% and a temperature of 20°C ± 2°C. All tests and physical measurements were carried out under these conditions, unless otherwise specified in the relevant test method.

**4 METHODS OF TEST**

As prescribed in the relevant subclauses of the above South African National Standards and as detailed in table 1.

**5 RESULTS**

The results of our tests are given in table 1.

**Table 1**

Properties tested	Results - SABS sample No. K511	Methods of tests
Water resistance: Hydrostatic head, ml#	Nil	SANS 5099
Variable head, mm#▶		SANS 5266
1.	>2000	
2.	>2000	
3.	>2000	
4.	>2000	
5.	>2000	
6.	>2000	
7.	>2000	
8.	>2000	
Water repellency: Spray rating	1	SANS 5300

**# No water penetration occurred during testing**

▶ The maximum height of the apparatus is 2M which equates to the PolySeal samples being tested under a 2m water Load

**EVALUATION OF SPRAY RATINGS:**

**Rating 1** – Wetting of the whole of the sprayed surface.

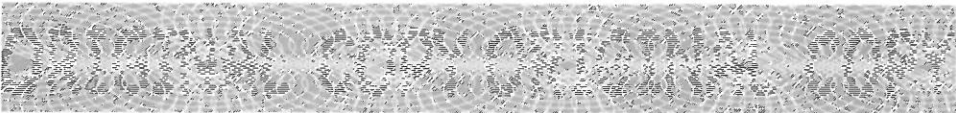
**Rating 2** – Wetting of half of the sprayed surface. This usually occurs through the merging of small discrete areas.

**Rating 3** – Wetting of the sprayed surface only at small discrete areas.

**Rating 4** – No wetting, but adherence of small drops to the sprayed surface.

**Rating 5** – No wetting and no adherence of small drops to the sprayed surface.

*/Test officer.....*





Test Officer: S Ngapo



N Mali  
MANAGER: FIBRE & POLYMER TECHNOLOGY

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