

## TEST REPORT

Your ref : 509792 Pvc Floor Til  
Our ref : FPE/75302/22  
Enquiries : J Maswikaneng  
Tel : (012) 428-6010  
Report No : BCT-220215-00002  
Page : 1 of 3  
Date : 15 February 2022

PVC floor tile (Pty) Ltd  
Attention: Alec Tsikirai  
243 Masjen Str, Unit D1,  
Stridom Industrial Park,  
Stridompark  
Randburg  
2169

### FIRE TESTING OF MATERIAL, COMPONENTS AND ELEMENTS USED IN BUILDINGS PART 4 – SURFACE FIRE INDEX OF FLOOR COVERINGS SANS 10177 Part 4: 2005

#### 1. OBJECT OF THE TEST.

- 1.1 Refer to the print at the back of this page.
- 1.2 The sample described was tested for all the requirements of *SANS 10177- 4 "Surface fire index of floor coverings"*.
- 1.3 The sample as tested was classified as **Class 3** in accordance with *SANS 10177- 4 "Surface fire index of floor coverings"*.

#### 2. DESCRIPTION OF SAMPLE.

The sample was described by the client as eco-friendly high quality pvc interlocking floor tile.

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Photo 1: Before testing

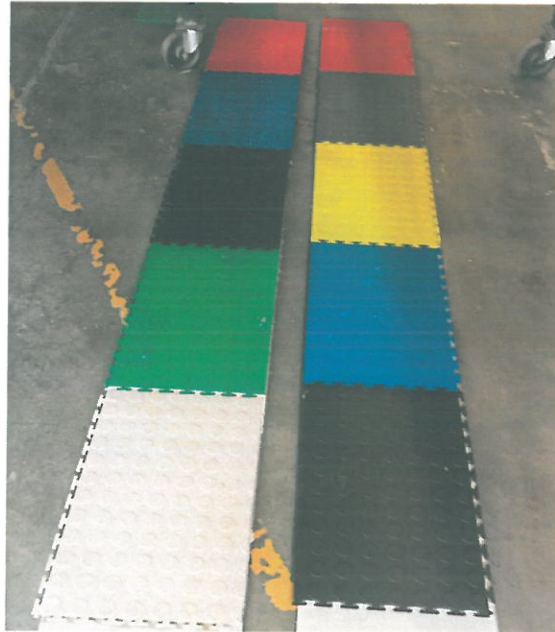
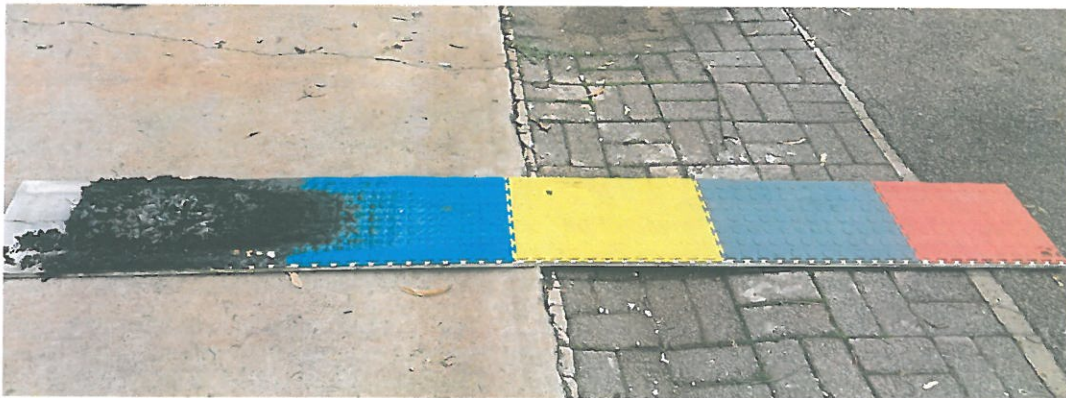


Photo 2: After testing



**3. NAME OF THE MANUFACTURER OF THE MATERIAL.**

Pvc Floor Tile.

**4. DATE OF RECEIPT:**

14 January 2022.

**5. DATE OF TEST:**

08 February 2022

**6. CONDITION OF SAMPLE.**

The sample was found to be in a suitable condition for testing.

**7. CONDITIONING OF THE SAMPLE.**

The sample was conditioned at  $22 \pm 3^{\circ}\text{C}$  and 50% RH for 48 hours.

06 February 2022 - 08 February 2022

**8. NATURE AND METHOD OF TEST.**

- 8.1 The tests to establish the surface fire index of the sample of material were carried out in accordance with the requirements of SANS 10177 - 4 "Surface fire index of floor coverings"
- 8.2 The sample was mounted on fibre cement board and thin steel wire ties were used to secure the end of the specimen to the base board.

**9. EQUIPMENT INFORMATION**

Equipment	Serial no	Calibration certificate No	Re-Cal date	UoM
Gas - heated furnace	SABS 12473-01	Verified	-	-
Stop watch	SWB-04	136077	2022-09-17	$\pm 50$ ms
Tape measure	FPE	21-4754	2022-09-19	$\pm 0,1$ mm
Digital thermometer and probe	130625091	130493	2022-04-06	$\pm 3^{\circ}\text{C}$

**10 CLASSIFICATION**

The following results were obtained from the sample described under section 2.

TEST	RESULT	CLASS
Spread of flame index	1,24	3
Heat contribution index	2,1	3
Smoke emission index	1,81	3
Surface fire index	1,72	3

**Classified as Class 3**

J Maswikaneng  
Manager: Civil Laboratories



T Phakathi  
Test Officer: Fire Engineering Laboratory



**END OF REPORT**