

## DRAFT ZANZIBAR NATIONAL STANDARD

### Textiles – Islamic prayer rugs – Specification

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ZANZIBAR BUREAU OF STANDARDS

This Draft Zanzibar National Standard has been prepared by Textiles and Leather Standards Technical Committee. In accordance with the Zanzibar Bureau of Standard general procedures, this draft standard is here by presented to the public in order to receive any technical comment concerns.

The ZBS was established under the Standard Act No. 1 of 2011.

In the preparation of this Standard, the reference was made to the following sources:

GSO 1275, *Prayer rugs – Specification*

#### **Technical Committee Representatives**

This Draft Zanzibar National Standard was prepared by Textiles and Leather Standards Technical Committee which consists of representatives from the following organizations:

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College of Engineering and Technology (CoET)  
Special department Industrial Unit (SPEDIU)  
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# Textiles – Islamic prayer rugs – Specification

## 1 Scope

This Zanzibar National Standard specifies requirements, sampling and test methods for Islamic prayer rugs.

## 2 Normative references

For the purpose of this Zanzibar National Standard, the following references shall apply:

ISO 105-B01, *Textiles — Tests for colour fastness — Part B01: Colour fastness to light: Daylight.*

ISO 105-B02, *Textiles — Tests for colour fastness — Part B02: Colour fastness to artificial light: Xenon arc fading lamp test.*

ISO 105-C10, *Textiles — Tests for colour fastness — Part C10: Colour fastness to washing with soap or soap and soda.*

ISO 105-X12, *Textiles — Tests for colour fastness. Part X12: Colour fastness to rubbing.*

ISO 1763, *Textile floor coverings — Determination of number of tufts and/or loops per unit length and per unit area.*

ISO 1766, *Textile floor coverings — Determination of thickness of pile above the substrate.*

ISO 1833, *Textiles — Quantitative chemical analysis.*

ISO 2094, *Textile floor coverings — Determination of thickness loss under dynamic loading.*

ISO 2859-1, *Sampling procedures for inspection by attributes. Part 1: Sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection.*

ISO 3071, *Textiles — Determination of pH of the aqueous extract.*

ISO 3018, *Textile floor coverings — Rectangular textile floor coverings — Determination of dimensions.*

ISO 7771, *Textiles — Determination of dimensional changes of fabrics induced by cold-water immersion.*

ISO 11857, *Textile floor coverings — Determination of resistance to delamination.*

ISO 18168, *Textile floor coverings — Colour fastness to shampooing.*

## 3 Terms and definitions

For the purpose of this standard, the following term and definition shall apply:

### 3.1

#### **pile**

part of a floor covering consisting of textile yarns or fibres, cut or looped, projecting from the substrate and acting as a use-surface.

### 3.2

#### **prayer rug (or mat)**

textile floor covering of a predetermined shape and limited dimensions used for Muslim prayers.

### 3.3

**substrate**

construction, integral with the use-surface and composed of one or more layers which serve as a support for the use-surface.

**3.4**

**textile floor covering**

system having a use-surface composed of textile material and generally used for covering floors.

**3.5**

**tuft**

cut loop or two fibrils or filament clusters of one pile yarn.

**3.6**

**use surface**

part of a textile floor covering directly exposed to traffic.

## **4 Requirements**

### **4.1 General requirement**

**4.1.1** The rugs shall have regular selvages and edges, and shall be finished either by folding and hem stitching or by overlocking or whipping;

**4.1.2** Textile prayer rugs shall not conflict with Islamic rules and culture. It shall be free from the following elements, including but not limited to;

- a) Depictions of living creatures such as humans or animals, including faces or body parts;
- b) Religious symbols not aligned with Islam including:
  - i. Six-pointed star (☼);
  - ii. Cross (✝);
  - iii. Alpha and omega (ΑΩ);
  - iv. Menorah,
  - v. Chai (חַי);
  - vi. Om (ॐ);
  - vii. Lotus flower;
  - viii. Bodhi tree;
  - ix. Yin Yang (☯);
  - x. Torii gate;
  - xi. Ik Onkar (ॐ); or
  - xii. Any religious iconography associated with other faiths;
- c) Images of the Holy Kaaba with worshippers, while geometric or symbolic representations are acceptable, realistic depictions of the Holy Kaaba surrounded by people in prayer are not acceptable;
- d) Qur'anic verses, Islamic sacred texts or any other script;
- e) Allah's name or Prophet Muhammad's name (PBUH); and
- f) Colors or patterns associated with mourning, political symbols, brand log, or non-Islamic traditions.

**4.1.3** Textile prayer rugs shall be free from manufacturing and tailoring defects including but not limited to:

- a) Missing pile tufts;
- b) Tears or holes penetrating the backing;
- c) Unfinished or improperly finished edges;
- d) Poorly sewn or inadequately taped seams;
- e) Presence of an unpleasant or strong odor;
- f) Visible spots or staining;

- g) Uneven or inconsistent construction;
- h) Surface markings or lines across the rug;
- i) Areas with discoloration or mismatched colors;
- j) Streaks running along the length or width; and
- k) Noticeable surface irregularities or unevenness;

**4.1.4** The textile prayer rug produced from recycled fibres and fibres derived from pig and dog sources are not acceptable; and

**4.1.5** It shall not contain any composition material that is likely to harm human body and/or the environment.

## **4.2 Specific requirement**

### **4.2.1 Fibre composition and proportion**

**4.2.1.1** When tested in accordance with the relevant part(s) of ISO 1833; the pile yarn shall be made of natural fibers, synthetic fibers or their blend and shall be declared.

**4.2.1.2** Where the pile yarn is a made from blend, the fiber composition shall be as declared subject to a tolerance of  $\pm 5\%$ ,

### **4.2.2 Colour fastness requirements**

The dyed pile yarn (or printed pile yarn) shall meet the requirement specified in Table 1 when tested in accordance with specified test methods therein.

**Table 1: Colour fastness requirements of pile yarns**

Colour fastness to		Requirement	Test methods
Light, min		5	ISO 105-B01 and ISO 105-B02
Rubbing, min:	dry	4	ISO 105-X12
	wet	3	
Washing, min	Change in colour	4	ISO 105-C10
	Staining		
Shampooing, min		4	ISO 18168

### **4.2.3 Physical requirements for Islamic prayer rugs**

The physical requirements of the finished prayer rug shall be as specified in Table 2 when tested in accordance with test methods specified therein.

**Table 2: Physical requirements for textile prayer rugs**

Characteristic	Requirement	Test methods
Tuft withdrawal force N, min	3.2	ISO 11857
Thickness loss under dynamic loading, %, max	30	ISO 2094
Thickness of pile above the substrate, mm, min	3	ISO 1766
Dimensional change after cold water immersion, (%), max	2	ISO 7771
Number of tufts per 10 cm <sup>2</sup> , min	400	ISO 1763

### **4.2.4 Dimensional requirement**

Dimension (length and width) of textile prayer rugs shall fall within a tolerance range of  $-1\%$  to  $+2\%$  of the declared values, when tested in accordance with ISO 3018.

### **4.2.5 pH requirement**

When tested in accordance with ISO 3071, the pH of textile prayer rugs shall be between 4.0 – 9.0.

## 5 Packaging and labelling

### 5.1 Packaging

The following shall be considered on packing:

- a) Each rug shall be folded or rolled lengthwise with its pile face inside and adequately secured to prevent unwinding;
- b) Rugs shall be packed in suitable waterproof materials to avoid contamination during transportation and storage; and
- c) A suitable number of rugs shall be placed in a container or box and firmly closed.

### 5.2 Labelling

#### 5.2.1 Unit package

Textile prayer rugs shall be legibly and indelibly labelled with the following information:

- a) Product name;
- b) Length and width;
- c) Fiber content of the pile yarn;
- d) Manufacturer's name, initials or trade-mark;
- e) Country of manufacture; and
- f) Care instructions

#### 5.2.2 Bulk package

Bulk packages containing textile prayer rugs shall be legibly and indelibly labelled with the following information:

- a) Product name;
- b) Length and width;
- c) Fiber content of the pile yarn;
- d) Manufacturer's name, initials or trade-mark;
- e) Country of manufacture;
- f) Total number of pieces in the container; and
- g) Gross weight.

**5.2.3** A label shall be attached to an end part of the textile prayer rug on its back. The language on the label shall be 'Kiswahili' and/or English. Additional language may be used depending on the designated market.

## 6 Sampling

Sampling shall be done in accordance with ISO 2859-1.