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**Natural stone test methods —  
Denomination criteria**

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## Foreword

Rwanda Standards are prepared by Technical Committees and approved by Rwanda Standards Board (RSB) Board of Directors in accordance with the procedures of RSB, in compliance with Annex 3 of the WTO/TBT agreement on the preparation, adoption and application of standards.

The main task of technical committees is to prepare national standards. Final Draft Rwanda Standards adopted by Technical committees are ratified by members of RSB Board of Directors for publication and gazettment as Rwanda Standards.

DRS528 was prepared by Technical Committee RSB/TC 9, *Civil engineering and building materials*.

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

BS EN 12440:2008, Natural stone — Denomination criteria

The assistance derived from the above source is hereby acknowledged with thanks.

DRS528 consists of the following parts, under the general title *Introductory element — Main element*:

### Committee membership

The following organizations were represented on the Technical Committee on *Civil engineering and building materials* (RSB/TC 9) in the preparation of this standard.

A+Construction Group Ltd

Africeramics Ltd

Consultants Engineers Group (CEG) Ltd

D&D Resources Ltd

Dutureheza Ltd

Enabel Rwanda

Greenpack Africa Ltd

Integrated Polytechnic Regional Centre (IPRC) - Musanze

Mass Design Group

NP Construction Company (NPCC) Ltd

Road Transport Development Agency (RTDA)

Rwanda Housing Authority (RHA)

Rwanda Inspectorate, Competition and Consumer Protection Authority (RICA)

Rwanda Quarries Association (RQA)

SKAT Consult

St Joseph Engineering Company (SJEC) Ltd

Standards for Sustainability (SfS)

Stonecraft Industries Ltd

University of Rwanda - College of Science and Technology (UR - CST)

Rwanda Standards Board (RSB) – Secretariat

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# Natural stone test methods — Denomination criteria

## 1 Scope

This Draft Rwanda Standard specifies the criteria for the designation (Denomination criteria) of natural stone from raw material to finished products.

## 2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

DRS 515, *Natural stone — Terminology*

DRS 527, *Natural stone test methods — Petrographic examination*

## 3 Terms and definitions

For the purposes of this standard, the terms and definitions given in DRS 515 and DRS 527 apply.

## 4 Denomination of natural stone

### 4.1 General

Natural stones will receive a description which shall include the following parts:

#### 4.1.1 Name of the natural stone (traditional name)

The name of the natural stone under which it is marketed corresponds to a particular type of rock and with a specific place of origin. Geographical names not related with the actual place of origin of the stone and company names shall be avoided.

NOTE Frequently a place of origin of a specific stone does extend beyond purely administrative borderlines. A traditional name may include the designation of a variety name, which identifies a specific selection within a given type of rock and a given place of origin (e.g: the bench or level in the quarry, or some typical colour and character). paragraph.

#### 4.1.2 Petrological family

Scientific name of the petrological family of the rock according to DRS 515. If the rock is not included in the classifications of DRS 515 an appropriate scientific term shall be employed.

### **4.1.3 Typical colour**

The range of colour that a stone variety shows. A visual colour appearance of one or more dry and clean bulk samples observed under shadow natural light. It is noted that surface finish and other features affect the visual colour impression of the stone.

### **4.1.4 Place of origin**

The location of the area or quarry shall be as precise as possible, including at least, the city or village or community, province and country, separated by a comma.

## **5 Other information**

### **5.1 General**

If available or if agreed between buyer and seller, the following data may also be provided:

#### **5.1.1 Process finish**

For prepared products, the surface finish using an adequate term from DRS 517.

#### **5.1.2 Natural features**

Natural features that may affect the appearance of the stone, according to DRS 517, i.e.: veins, inclusions, clots, xenoliths, texture, structures, cracks etc.

#### **5.1.3 Petrographic name**

Scientific name of the rock according to DRS 515, and obtained by petrographic examination according to DRS 527.

#### **5.1.4 Geological age**

The age of the stone according to DRS 515 . It shall be given whenever possible. If available, further geological data may be provided.



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