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**SANS 6129:2017**

Edition 2.2

# **SOUTH AFRICAN NATIONAL STANDARD**

## **Wooden doors — Class 2 — Determination of resistance to weathering**

**WARNING**

**This document references other  
documents normatively.**

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**Table of changes**

<b>Change No.</b>	<b>Date</b>	<b>Scope</b>
Amdt 1	2004	Amended to change the designation of SABS standards to SANS standards with no technical changes.
Amdt 2	2017	Amended to update the test specimen requirements and procedure.

**Foreword**

This South African standard was prepared by National Committee SABS/TC 1008/SC 03, *Wood and associated products — Doors*, in accordance with procedures of the South African Bureau of Standards, in compliance with annex 3 of the WTO/TBT agreement.

This document was approved for publication in December 2017.

This document supersedes SANS 6129:2004 (edition 2.1).

A vertical line in the margin shows where the text has been technically modified by amendment No. 2.

**Compliance with this document cannot confer immunity from legal obligations.**

## **Wooden doors — Class 2 — Determination of resistance to weathering**

### **1 Scope**

This standard specifies a method of determining the resistance of a class 2 wooden door to adverse weather conditions.

### **2 Normative references**

The following standard contains provisions which, through reference in this text, constitute provisions of this standard. At the time of publication, the edition indicated was valid. All standards are subject to revision, and parties to agreements based on this standard are encouraged to investigate the possibility of applying the most recent edition of the standard indicated below. Information on currently valid national and international standards may be obtained from the South African Bureau of Standards.

SANS 6128, *Resistance of wooden doors to slamming*.

### **3 Apparatus**

**3.1 Spraybooth**, provided with a water supply of pressure in the range 160 kPa to 180 kPa and fitted with spray nozzles (see figure 1) that can spray water at a rate of at least 18 L/h over an area of at least the width of the door to be tested and half the length of the door.

**3.2 Heat source** that can raise the ambient temperature to 50 °C.

**3.3 Thermometer**.

### **4 Test specimens**

A sample taken from normal production to be tested.

**Amdt 2** |

### **5 Procedure**

**5.1** Stand the test specimen upright in the spraybooth (see 3.1).

**5.2** Maintain the pressure of the water supply to the spray nozzles in the range 160 kPa to 180 kPa and spray the specimen with the water for a period of 4 h.

**5.3** Remove the specimen from the spraybooth and record any sign of delamination or component failure or both.