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Windows and doors - Wetness and splash water proof door leaves - Test and classification

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 11/15

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN 16580

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English Version

**Windows and doors - Wetness and splash water proof door
leaves - Test and classification**

Portes et fenêtres - Vantaux de portes résistants à
l'humidité et aux projections d'eau - Essai et classification

Fenster und Türen - Feuchte- und spritzwasserbeständige
Türblätter - Prüfungen und Klassifizierung

This European Standard was approved by CEN on 27 June 2015.

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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European foreword

This document (EN 16580:2015) has been prepared by Technical Committee CEN/TC 33 “Doors, windows, shutters, building hardware and curtain walling”, the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by February 2016 and conflicting national standards shall be withdrawn at the latest by February 2016.

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Introduction

Increased requirements for hygiene lead to more intensive cleaning; at the same time, the working time spent on cleaning will be shortened and this requires cleaning processes which are efficient and automatically more stressing for the door leaves.

1 Scope

This European Standard identifies the performance characteristic that is applicable to door leaves for pedestrian doors, independent of the material, that are exposed to extended periods of wetness and/or frequent splash water.

NOTE Rain is not considered as “frequent splash water” condition.

This European Standard does not apply to:

- door leaves exposed to liquid having a pH-value lower than 5.5 or higher than 8.5;
- door frames, complete door assemblies or doorsets.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 951, *Door leaves - Method for measurement of height, width, thickness and squareness*

EN 952:1999, *Door leaves - General and local flatness - Measurement method*

EN 1027, *Windows and doors - Watertightness - Test method*

EN 1294, *Door leaves - Determination of the behaviour under humidity variations in successive uniform climates*

EN 1670, *Building hardware - Corrosion resistance - Requirements and test methods*

EN 12219:1999, *Doors - Climatic influences - Requirements and classification*

EN 12519:2004, *Windows and pedestrian doors - Terminology*

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