

Windows and doors — Watertightness — Classification

The European Standard EN 12208:2000 has the status of a
British Standard

ICS 91.060.50

National foreword

This British Standard is the official English language version of EN 12208:2000, including corrigendum June 2000. This British Standard will partially supersede BS 6375-1:1989.

The UK participation in its preparation was entrusted by Technical Committee B/538, Doors, windows, shutters, hardware and curtain walling, to Subcommittee B/538/1, Windows, and Subcommittee B/538/2, Doors, which has the responsibility to:

- aid enquirers to understand the text;
- present to the responsible European committee any enquiries on the interpretation, or proposals for change, and keep the UK interests informed;
- monitor related international and European developments and promulgate them in the UK.

A list of organizations represented on these subcommittees can be obtained on request to its secretary.

This British Standard forms part of a package of standards on windows and doors which will not become fully effective until all the standards in the package have been published and any superseded standards have been withdrawn. The date of withdrawal for national standards will be agreed within CEN and will be notified.

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Summary of pages

This document comprises a front cover, an inside front cover, the EN title page, pages 2 to 4, an inside back cover and a back cover.

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Amendments issued since publication

Amd. No.	Date	Comments
10998	June 2000	In EN scope, addition of "material" to clarify sentence.

This British Standard, having been prepared under the direction of the Sector Committee for Building and Civil Engineering, was published under the authority of the Standards Committee and comes into effect on 15 May 2000

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EUROPEAN STANDARD

EN 12208

NORME EUROPÉENNE

EUROPÄISCHE NORM

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Incorporating corrigendum June 2000

English version

Windows and doors - Watertightness - Classification

Fenêtres et portes - Perméabilité à l'eau - Classification

Fenster und Türen - Schlagregendichtheit - Klassifizierung

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

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Foreword

This European Standard has been prepared by Technical Committee CEN/TC 33, "Doors, windows, shutters and building hardware", 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 May 2000, and conflicting national standards shall be withdrawn at the latest by May 2000.

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This standard is one of a series of standards for windows and doors.

1 Scope

This standard defines the classification of test results for completely assembled windows and doors of any material after testing in accordance with prEN 1027 "Windows and doors - Watertightness - Test method".

2 Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

prEN 12519 Doors and windows – Terminology.

prEN 1027 Windows and doors - Watertightness - Test method.

3 Definitions

For the purposes of this European Standard the definitions given in prEN 12519 and in prEN 1027 apply.

4 Classification

PrEN 1027 describes a method of test to determine the limit of watertightness P_{max} of the test specimen.

Classification follows from those results as given in the Table 1.

NOTE : This classification can be used with other relevant standards or codes of practice and can thus be used to provide correlation with actual exposure requirements.

Table 1 : Classification

Test pressure	Classification		Specifications
	Test method A	Test method B	
P_{max} in Pa ^{a)}			
-	0	0	No requirement
0	1A	1B	Water spray for 15 min
50	2A	2B	As class 1 + 5 min
100	3A	3B	As class 2 + 5 min
150	4A	4B	As class 3 + 5 min
200	5A	5B	As class 4 + 5 min
250	6A	6B	As class 5 + 5 min
300	7A	7B	As class 6 + 5 min
450	8A	-	As class 7 + 5 min
600	9A	-	As class 8 + 5 min
> 600	Exxx	-	Above 600 Pa in steps of 150 Pa, the duration at each step shall be 5 min

NOTE : Method A is appropriate for product which are fully exposed.
 Method B is appropriate for product which are partially shielded.

^{a)} After 15 min at zero pressure and 5 min at subsequent steps.

- 4.1 Specimens that allow water penetration at zero test pressure before the expiration of 15 min cannot be classified.
- 4.2 Specimens that are watertight to test pressures greater than 600 Pa for a minimum of 5 min shall be classified Exxx, where xxx is that maximum test pressure (e.g. 750, 900).

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