

Irish Standard I.S. EN 14428:2015

Shower enclosures - Functional requirements and test methods

© CEN 2015 No copying without NSAI permission except as permitted by copyright law.

I.S. EN 14428:2015

2015-06-13

Incorporating amendments/corrigenda/National Annexes issued since publication

The National Standards Authority of Ireland (NSAI) produces the following categories of formal documents:

I.S. xxx: Irish Standard — national specification based on the consensus of an expert panel and subject to public consultation.

S.R.~xxx: Standard~Recommendation-recommendation~based~on~the~consensus~of~an~expert~panel~and~subject~to~public~consultation.

SWiFT~xxx: A~rapidly~developed~recommendatory~document~based~on~the~consensus~of~the~participants~of~an~NSAI~workshop.

This document replaces/revises/consolidates the NSAI adoption of the document(s) indicated on the CEN/CENELEC cover/Foreword and the following National document(s):

NOTE: The date of any NSAI previous adoption may not match the date of its original CEN/CENELEC document.

This document is based on: Published:

EN 14428:2015 2015-05-27

This document was published ICS number:

under the authority of the NSAI
and comes into effect on:
91.140.70

NOTE: If blank see CEN/CENELEC cover page

NSAI T +353 1 807 3800 Sales:

 1 Swift Square,
 F +353 1 807 3838
 T +353 1 857 6730

 Northwood, Santry
 E standards@nsai.ie
 F +353 1 857 6729

 Dublin 9
 W NSAI.ie
 W standards.ie

Údarás um Chaighdeáin Náisiúnta na hÉireann



Correction Notice

EN 14428:2015

Reference:

Title:	Shower enclosures - Functional requirements and test methods
Work Item:	00163094
	Brussels, 2015-06-17
please include	the following minor editorial correction(s) in the document related to:
Engli Frence Germ Form Paylu 2nd E Paral 2 nd P Paral 2 nd P UAP TC A Publi	ch can consider the constant of the constant o

It has been brought to our attention that this document, issued on 2015-05-27, requires modification.

- In 5.2.2, b) 1), the hyphen before (23 ± 5) °C has been removed.
- In Table ZA.2, delete [10] at the end of the last line, since there is no reference [10].
- In Table ZA.3, exchange the clause numbers: 7.3 shall be in one line with Factory production control and 7.2 with Determination of the product type.
- In ZA.2.2.3, the line below "Attachment to Declaration of Performance" of Example 1 (Page 39) should read "No. 001CPR2013-07-14" (instead of No. CPR-14228) to be in line with "DECLARATION OF PERFORMANCE No. 001CPR2013-07-14".

Please find enclosed the updated English version.

We apologise for any inconvenience this may cause.

This is a free page sample. Access the full version online. I.S. EN 14428:2015

This page is intentionally left BLANK.

EUROPEAN STANDARD

EN 14428

NORME EUROPÉENNE

EUROPÄISCHE NORM

May 2015

ICS 91.140.70

Supersedes EN 14428:2004+A1:2008

English Version

Shower enclosures - Functional requirements and test methods

Parois de douche - Prescriptions fonctionnelles et méthodes d'essai

Duschabtrennungen - Funktionsanforderungen und Prüfverfahren

This European Standard was approved by CEN on 19 March 2015.

CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

EN 14428:2015 (E)

Cont	Contents Page		
Forew	ord. 4 Scope 5 Normative references 5 Terms and definitions 5 Requirements 6 General. 6 Cleanability. 6 Impact resistance/shatter properties 6 General. 6 General safety glass 6 Laminated safety glass 6 Plastics materials 6 Ourability 6 General. 6 Corrosion resistance. 7 Resistance to chemicals and stains 7 Resistance to wet and dry cycling 7 Endurance 7 Stability 7 Water retention 7 Dangerous substances 7 Test methods 8 Impact resistance/shatter properties 8 General 8 Assessment of fragmentation 9 Impact behaviour of plastic sheets 13 Apparatus 21 Procedure 13		
1	Scope	5	
2	Normative references	5	
3	Terms and definitions	5	
4	Requirements	6	
4.1	·		
4.2		_	
4.3			
4.3.1			
4.3.2			
4.3.3			
4.3.4			
4.4			
4.4.1			
4.4.2			
4.4.3			
4.4.4			
4.4.5			
4.4.6			
4.4.7			
4.4.7			
4.5			
5			
5.1	Impact resistance/shatter properties	8	
5.1.1	General	8	
5.1.2	Test specimens for curved glass	8	
5.1.3	Procedure	8	
5.1.4	Assessment of fragmentation	9	
5.2	Impact behaviour of plastic sheets	13	
5.2.1	Apparatus	13	
5.2.2	Procedure	13	
5.3	Resistance to chemicals and stains	21	
5.3.1	Reagents	21	
5.3.2	Apparatus	22	
5.3.3	Test specimens	24	
5.3.4	Procedure	24	
5.3.5	Expression of results	24	
5.4	Resistance to wet and dry cycling	24	
5.4.1	Test specimens	24	
5.4.2	Procedure	24	
5.4.3	Results	25	
5.5	Endurance	25	
5.6	Stability	25	
5.7	Water retention		
6	Marking		
7	Assessment and verification of constancy of performance - AVCP	20	
<i>7</i> 7.1	GeneralGeneral		
7.1 7.2			
7.2 7.2.1	Type testingGeneral		
<i>1</i> . Z . 1	General	ა∠	

EN 14428:2015 (E)

7.2.2	Samples, testing and compliance criteria	33
7.3	Factory production control	
7.3.1	General	33
7.3.2	Equipment	33
7.3.3	Raw materials and components	34
7.3.4	Product testing and assessment	34
7.3.5	Non-conforming products	34
7.3.6	Corrective action	34
Annex	ZA (informative) Clauses of this European Standard addressing the provisions of the EU Construction Products Regulation	35
ZA.1	Scope and relevant characteristics	35
ZA.2	Procedure for assessment and verification of constancy of performance (AVCP) of shower enclosures	35
ZA.2.1	System of AVCP	35
ZA.2.2	Declaration of performance (DoP)	36
ZA.2.2.	1 General	36
ZA.2.2.	2 Content	36
ZA.2.2.	3 Example of DoP	37
ZA.3	CE marking and labelling	41
Bibliog	ıraphy	43



Product Page

- Dooking for additional Standards? Visit Intertek Inform Infostore
- Dearn about LexConnect, All Jurisdictions, Standards referenced in Australian legislation