



**NSAI**  
Standards

Irish Standard  
I.S. 419:2011

# Fire safety requirements for components of furniture

## I.S. 419:2011

*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.

<i>This document replaces:</i> I.S. 419:1988	<i>This document is based on:</i> I.S. 419:2011 I.S. 419:1988	<i>Published:</i> 8 August, 2011 1 January, 1988
This document was published under the authority of the NSAI and comes into effect on:  8 August, 2011		ICS number: 97.140
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Údarás um Chaighdeáin Náisiúnta na hÉireann		

DECLARATION  
OF  
SPECIFICATION  
ENTITLED  
  
FIRE SAFETY REQUIREMENTS FOR COMPONENTS OF FURNITURE  
  
AS  
  
THE IRISH STANDARD SPECIFICATION FOR  
FIRE SAFETY REQUIREMENTS FOR COMPONENTS OF FURNITURE

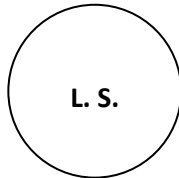
NSAI in exercise of the powers conferred by section 16 of the National Standards Authority of Ireland Act, 1996 (No. 28 of 1996) and with the consent of the Minister for Enterprise, Trade and Employment, hereby declares as follows:

1. This instrument may be called the Standard Specification (Fire Safety Requirements for Components of Furniture) Declaration 2022.
2. (1) The Specification set forth in the Schedule to this declaration is hereby declared, pursuant to section 16(3) of the National Standards Authority of Ireland Act, 1996 (No. 28 of 1996), to be the standard specification for Fire Safety Requirements for Components of Furniture.  
  
(2) The said standard specification may be cited as Irish Standard 419:2011 or as I.S. 419:2011.  
  
(3) A reference to Irish Standard 419:2011 or I.S. 419:2011 published by NSAI before the making of this declaration shall be deemed to be a reference to the standard specification declared under this instrument.
3. The Standard Specification (Fire safety requirements for components of furniture) Declaration 2011 is hereby amended, pursuant to section 16(5) of the National Standards Authority of Ireland Act, 1996 (No. 28 of 1996), by -
  - (a) the deletion of paragraph 2,
  - (b) the deletion of sub-paragraph 3(2).
4. Reference in any other standard specification to the instruments revoked by sub-paragraph 3. (1) of Standard Specification (Fire safety requirements for components of furniture) Declaration 2011, or to Irish Standard 419:1988 and Amendment No. 1:1994 therein prescribed, shall be construed, respectively, as references to this instrument and to Irish Standard 419:2011.

**I.S. 419:2011**

GIVEN under the seal of the National Standards Authority of Ireland

This 11th day of May 2022



Geraldine Larkin  
Chief Executive

Justin Tallon  
Standards Publication Manager

The Minister for Enterprise Trade and Employment hereby gives his consent under Section 16 of the National Standards Authority of Ireland, 1996, to the above declaration.

Conor Verdon

Date: 19<sup>th</sup> May 2022

An officer of the Department of Enterprise, Trade and Employment duly authorised under Section 15 (4) of the Ministers and Secretaries Act, 1924, to authenticate instruments (under the National Standards Authority of Ireland Act, 1996) made by the Minister for Enterprise, Trade and Employment.

**DECLARATION**  
**OF**  
**SPECIFICATION**  
**ENTITLED**  
  
**FIRE SAFETY REQUIREMENTS FOR COMPONENTS OF FURNITURE**  
  
**AS**  
  
**THE IRISH STANDARD SPECIFICATION FOR**  
  
**FIRE SAFETY REQUIREMENTS FOR COMPONENTS OF FURNITURE**

NSAI in exercise of the power conferred by section 16 (5) of the National Standards Authority of Ireland Act, 1996 (No. 28 of 1996) and with the consent of the Minister for Jobs, Enterprise and Innovation, hereby declare as follows:

1. This instrument may be cited as the Standard Specification (Fire safety requirements for components of furniture) Declaration, 2011.

2. (1) The Specification set forth in the Schedule to this declaration is hereby declared to be the standard specification for Fire safety requirements for components of furniture.

(2) The said standard specification may be cited as Irish Standard 419:2011 or as I.S. 419:2011.

3. (1) The Standard Specification (Fire safety requirements for components of furniture) Declaration 1988 and Amendment No. 1:1994 are hereby revoked.

(2) Reference in any other standard specification to the Instruments hereby revoked and to Irish Standard 419:1988 and Amendment No. 1:1994 thereby prescribed, shall be construed, respectively, as references to this Instrument and to Irish Standard 419:2011.

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## Schedule

### Fire safety requirements for components of furniture

## 1 Scope

This specification deals with the fire safety requirements for components of furniture including upholstered furniture, mattresses, bed bases, cushions and pillows intended for private use in a dwelling, with particular reference to the type of filling material and cover material which may be used.

## 2 Normative references

The following referenced documents are indispensable for the application 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.

I.S. 254:1983, *Flame resistance requirements for upholstery*

I.S. 418, *Ignitability requirements of mattresses tested with secondary ignition sources simulating unknown bedcovers*

I.S. EN 1021-1:2006, *Furniture - Assessment of the ignitability of upholstered furniture - Part 1: Ignition source smouldering cigarette*

I.S. EN 1021-2:2006, *Furniture - Assessment of the ignitability of upholstered furniture - Part 2: Ignition source match flame equivalent*

## 3 Terms and definitions

For the purposes of this Irish Standard, the following terms and definitions apply.

### **filling**

main upholstery material contained by the outer cover and (if used) the inner cover

NOTE It can consist of several different materials including any inner cover nominally greater than 2 mm thick

### **flaming**

undergoing combustion in the gaseous phase with the emission of light

### **inner cover**

thin layer of material used between the outer cover and the upholstery filling

NOTE 1 Any inner cover greater than nominally 2 mm thick is part of the filling for test purposes.

NOTE 2 The term “interliner” is no longer used because it is non-specific and has been applied to different components within the composite.

### **outer cover**

outer layer of the upholstery

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