



NSAI
Standards

Irish Standard
I.S. 419:2011

Fire safety requirements for components of furniture

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I.S. 419:2011

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

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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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