SLOVENSKI STANDARD
SIST EN 1527:2019/oprA1:2021

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Stavbno okovje - Okovje za drsna in zgibna vrata - Zahteve in preskusne metode

Building hardware - Hardware for sliding doors and folding doors - Requirements and test methods

Schlösser und Baubeschläge - Beschläge für Schiebetüren/-tore und Falttüren/-tore - Anforderungen und Prüfverfahren

Quincaillerie du bâtiment - Quincaillerie pour portes coulissantes et portes pliantes - Exigences et méthodes d'essai

Ta slovenski standard je istoveten z: EN 1527:2019/prA1

ICS:

91.190 Stavbna oprema Building accessories

SIST EN 1527:2019/oprA1:2021 en,fr,de

EUROPEAN STANDARD

NORME EUROPÉENNE

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ICS 91.190

English Version

Building hardware - Hardware for sliding doors and folding doors - Requirements and test methods

Quincaillerie du bâtiment - Quincaillerie pour portes coulissantes et portes pliantes - Exigences et méthodes d'essai

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This draft amendment is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 33.

This draft amendment A1, if approved, will modify the European Standard EN 1527:2019. If this draft becomes an amendment, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration.

This draft amendment was established by CEN 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.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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

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Contents

Page

European foreword

This document (prEN 1527:2019/prA1:2020) 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 document is currently submitted to the CEN Enquiry.

This document amends EN 1527:2019.

1 Modification to 4.4.2, "For sliding doors"

Replace:

"**4.4.2 For sliding doors**

— grade 2 = the test panel size shall be 2 m high by 0,80 m wide;

— grade 4 = the test panel size shall be 2 m high by 2 m wide."

With:

*"***4.4.2 For sliding doors and cantilever gates**

— grade 0 = cantilever gate. The test panel size shall be 4,5 m wide and 2 m height;

— grade 2 = the test panel size shall be 2 m high by 0,80 m wide;

— grade 4 = the test panel size shall be 2 m high by 2 m wide.".

2 Modification to 4.4.4, "For cantilever gate"

*Replace: "*The test panel size of the leaf shall be 2 m high by 2,5+2 m wide (see Figure 2)."

With: "Grade 0 =The test panel size of the leaf shall be 2 m high by 4,5 m wide (see Figure 2).".

3 Modification to 6.3.3.1.1, "Slam test for slide fittings with built-in end stops or damping devices"

Replace paragraphs 3 to 5:

"If the weight of the door is less than 200 kg, the position of the door "X" is 300 mm.

If the weight of the door is more than 201 kg and less than 1 000 kg, the position of the door "X" is 500 mm.

If the weight of the door is more than 200 kg, the position of the door "X" is 1 000 mm."

With:

"If the weight of the door is less than or equal to 200 kg, the position of the door "X" is 300 mm.

If the weight of the door is more than 200 kg and less than or equal to 1 000 kg, the position of the door "X" is 500 mm.

If the weight of the door is more than 1 000 kg, the position of the door "X" is 1 000 mm.".

4 Modification to 6.3.3.1.2, "Horizontal static load test"

Replace paragraph 1:

"Load by means of the loading pad the center of the panel (Figure 6)10 times. The loading pad consists of a rigid disc 100 mm in diameter or 50 mm to be used in limited space, with a flat face and a 12 mm front edge blend radius. The sliding door shall be in the two positions as shown in Figure 4.

The force F shall comprise the following grades:"

With:

"Applies 10 times, for each of the positions of Figure 4, the force at half height of the door and 100 mm from the edge of the door panel. The loading pad consists of a rigid disc 100 mm in diameter or 50 mm to be used in limited space. The disc will avoid sharp edges on its circumference; a rounded edge with a radius of 12 mm is recommended.

Apply the force for 2 s.

The sliding door shall be in the two positions as shown in Figure 4.

The force F shall comprise the following grades:".

5 Modification to 6.3.3.2.2, "Durability test"

Replace paragraphs 5 and 6:

"Unless otherwise specified, apply the force in line with the front surface, at the mid height of the sliding door, 10 mm from the edge. The average speed shall be (0,25 ± 0,1) m/s.

Carry out inspection and assessment according to 6.3.2."

With:

"Apply the force in line with the front surface, at the mid height of the sliding door, 10 mm from the edge.

The average speed shall be (0,25 ± 0,1) m/s.

The technical solution for moving the panel must not cause disruptive strains during movement.

Carry out inspection and assessment according to 6.3.2.".