SLOVENSKI STANDARD
SIST EN 12604:2017+A2:2027

01-januar-2027

Vrata za industrijske in javne prostore ter garažna vrata - Mehanske lastnosti - Zahteve in preskusne metode (vključno z dopolnilom A2)

Industrial, commercial and garage doors and gates - Mechanical aspects - Requirements and test methods

Tore - Mechanische Aspekte - Anforderungen und Prüfverfahren

Portes et portails industriels, commerciaux et résidentiels - Aspects mécaniques - Exigences et méthodes d'essai

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ICS:

91.060.50	Vrata in okna	Doors and windows
91.090	Konstrukcije zunaj stavb	External structures

SIST EN 12604:2017+A2:2027 **en,fr,de**

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

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English Version

Industrial, commercial and garage doors and gates - Mechanical aspects - Requirements and test methods

Portes et portails industriels, commerciaux et résidentiels - Aspects mécaniques - Exigences et méthodes d'essai

Tore - Mechanische Aspekte - Anforderungen und Prüfverfahren

This European Standard was approved by CEN on 9 November 2020 and includes Amendment 2 approved by CEN on 17 August 2026.

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European foreword

This document (EN 12604:2017+A2:2026) 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 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of an identical text or by endorsement, at the latest by May 2027 and conflicting national standards shall be withdrawn at the latest by May 2027.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

This document includes Amendment 1 approved by CEN on 9 November 2020 and Amendment 2 approved by CEN on 17 August 2026.

This document supersedes A1 EN 12604:2017+A1:2020 A1.

The start and finish of text introduced or altered by amendment is indicated in the text by tags A1 A1 and A2 A2.

Compared with EN 12604:2000 and EN 12605:2000, the following changes have been made:

a) EN 12604 has been merged with EN 12605; as EN 12605:2000 will be withdrawn;

b) limitation of the scope to manually operated doors;

c) cancellation of relationships to Regulation (EU) N°305/2011 and Machinery Directive 2006/42/EC (Annex ZA and ZB deleted);

d) revision of document structure (Clause 4 and Clause 5);

e) sorting and summary of requirements (Clause 4);

f) revision of informative Annexes in accordance to Clause 4 of this standard;

g) editorial revision.

This document is one of a series of supporting standards for industrial, commercial and garage doors and gates, which are identified in EN 13241.

Any feedback and questions on this document should be directed to the users’ national standards body. A complete listing of these bodies can be found on the CEN website.

According to the CEN-CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Türkiye and the United Kingdom.

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Introduction

This document has been prepared to meet the needs of manufacturers and users, with the primary purpose of providing design and performance for mechanical aspects of industrial, commercial and garage doors and gates used by vehicles accompanied or driven by persons.

With the aim of clarifying the intention of this document and avoiding doubts when reading it, it was assumed that clarification occurred between all involved parties (manufacturer, professional installer, user, etc.) concerning:

— components to be maintained and kept in good working order;

— the intended use, the type of users and the place of use of the door;

— all parts of door installations, whether fixed or moving, including the fixing and assembling means, to be in all respects of good construction, suitable material, adequate strength and free from obvious defects for their intended working life;

— the design to be in accordance with European technical rules taking into account the most unfavourable forces occurring during the operation and all failure modes.

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