



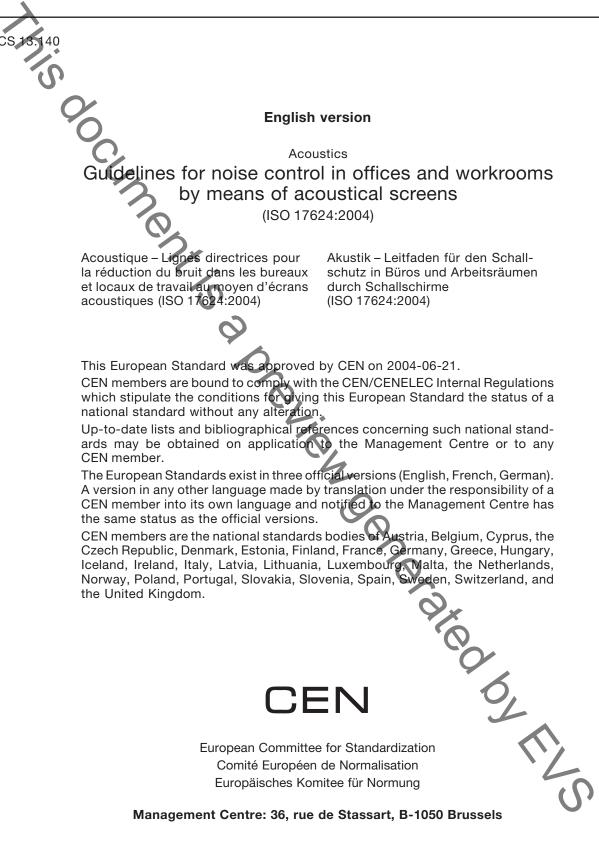
EESTI STANDARDI EESSÕNA NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN ISO 17624:2005 sisaldab Euroopa standardi EN ISO 17624:2004 ingliskeelset teksti.	This Estonian standard EVS-EN ISO 17624:2005 consists of the English text of the European standard EN ISO 17624:2004.
Käesolev dokument on jõustatud 22.02.2005 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.	This document is endorsed on 22.02.2005 with the notification being published in the official publication of the Estonian national standardisation organisation.
Standard on kättesaadav Eesti standardiorganisatsioonist.	The standard is available from Estonian standardisation organisation.
Käsitlusala: This International Standard deals with the effectiveness of acoustical screens. It specifies the acoustical and operational requirements to be agreed upon between the supplier or manufacturer and the user of acoustical screens.	Scope: This International Standard deals with the effectiveness of acoustical screens. It specifies the acoustical and operational requirements to be agreed upon between the supplier or manufacturer and the user of acoustical screens.
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EN ISO 17624

December 2004



EUROPEAN STANDARD

NORME EUROPÉENNE EUROPÄISCHE NORM

Foreword

International Standard

ISO 17624:2004 Acoustics – Guidelines for noise control in offices and workrooms by means of acoustical screens,

which was prepared by ISO/TC 43 'Acoustics' of the International Organization for Standardization, has been adopted by Technical Committee CEN/TC 211 'Acoustics', the Secretariat of which is held by DS, as a European Standard.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, and conflicting national standards withdrawn, by June 2005 at the latest.

In accordance with the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard:

Austria, Belgium, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Slovakia, Slovenia, Spain, Sweden, Switzerland, and the United Kingdom.

Endorsement notice

The text of the International Standard ISO 17624:2004 was approved by CEN as a European Standard without any modification.

Contents

Page

1	Scope Normative references	3
2	Normative references	3
3	Terms and definitions	4
4	Symbols	5
5	Basic principles and conditions of application	5
5.1	Contributions to the sound attenuation	5
5.2	Absorption close to the sound source	6
5.3	Screening effect	6
5.4	Decoupling	7
5.5	Screening effect	7
5.6	Further effects of screens	7
6	Types of acoustical screens and special requirements	8
6.1	Types of acoustical screens and special requirements Partitioning of large rooms	8
6.2	Partitioning of large rooms Noise control for individual work stations	9
6.3	Protection of individual work stations	9
7	Combined effect of acoustical screens and acoustical claddings	9
8	Acoustical requirements for planning and verification purposes	10
8.1	Sound absorption	10
8.2	Sound insulation	10
8.3	In-situ sound attenuation	10
9 scre	Information for user inquiries and information to be provided by the supplier/manufacturer of a seen	
9.1	Information to be provided by the user	11
9.2	Information to be provided by the supplier/manufacturer	
Ann	ex A (informative) Case studies	12
Bibl	iography	16

Introduction

Besides silencers and enclosures (see ISO 14163 and ISO 15667, respectively), indoor screens are used as secondary means of noise control in workrooms and offices. For workplaces containing machinery, some information on such elements is given in ISO 11690-2:1996, Annexes E and F. More detailed information can be found in the bibliographic references.

This International Standard deals with the effectiveness of acoustical screens. It specifies the acoustical and operational requirements to be agreed upon between the supplier or manufacturer and the user of acoustical screens. This International Standard is applicable to the following types of acoustical screens:

- a) free-standing acoustical screens for offices, service areas, exhibition areas, and similar rooms;
- b) acoustical screens integrated in the furniture of such rooms;
- c) portable and removable acoustical screens for workshops;
- d) fixed room partitions with more than 10 % of the connecting area open and acoustically untreated.

Walls of partial acoustic enclosures and cabins which, together with the room boundary surfaces, also partition a room and provide more than 10 % open and acoustically untreated area, are also treated as acoustical screens.

NOTE Guidance on complete acoustic enclosures is given in ISO 15667.

This International Standard is not applicable to cabinet walls and similar multi-layer walls whose thickness exceeds 0,2 m, nor to banners and other types of suspended baffles.

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.

ISO 140-3, Acoustics — Measurement of sound insulation in buildings and of building elements — Part 3: Laboratory measurements of airborne sound insulation of building elements

ISO 354, Acoustics — Measurement of sound absorption in a reverberation room

ISO 717-1, Acoustics — Rating of sound insulation in buildings and of building elements — Part 1: Airborne sound insulation

ISO 9053, Acoustics — Materials for acoustical applications — Determination of airflow resistance

ISO 10534-1, Acoustics — Determination of sound absorption coefficient and impedance in impedance tubes — Part 1: Method using standing wave ratio

ISO 10534-2, Acoustics — Determination of sound absorption coefficient and impedance in impedance tubes — Part 2: Transfer-function method

ISO 11654, Acoustics — Sound absorbers for use in buildings — Rating of sound absorption

ISO 11821:1997, Acoustics — Measurement of the in situ sound attenuation of a removable screen