

SVENSK STANDARD

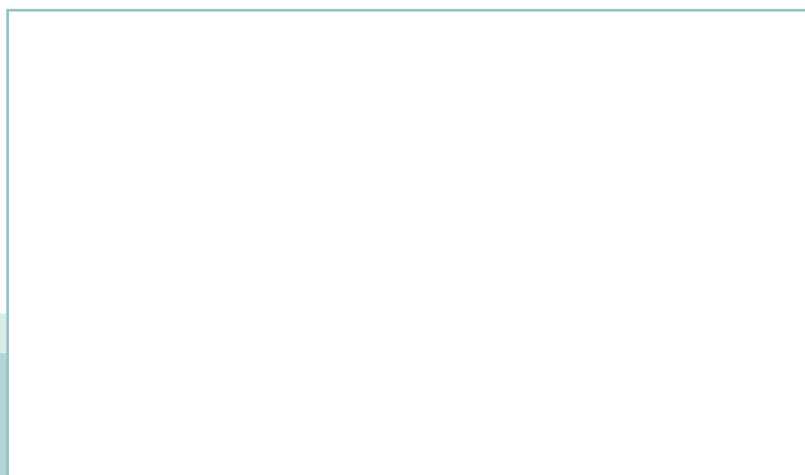
SS-EN 822



Fastställt/Approved: 1994-12-09
Publicerad/Published: 1994-12-09
Utgåva/Edition: 1
Språk/Language: engelska/English
ICS: 91.120.10

Värmeisoleringsprodukter för byggnader – Bestämning av längd och bredd

Thermal insulating products for building applications – Determination of length and width



Standarder får världen att fungera

SIS (Swedish Standards Institute) är en fristående ideell förening med medlemmar från både privat och offentlig sektor. Vi är en del av det europeiska och globala nätverk som utarbetar internationella standarder. Standarder är dokumenterad kunskap utvecklad av framstående aktörer inom industri, näringsliv och samhälle och befrämjar handel över gränser, bidrar till att processer och produkter blir säkrare samt effektiviserar din verksamhet.

Delta och påverka

Som medlem i SIS har du möjlighet att påverka framtida standarder inom ditt område på nationell, europeisk och global nivå. Du får samtidigt tillgång till tidig information om utvecklingen inom din bransch.

Ta del av det färdiga arbetet

Vi erbjuder våra kunder allt som rör standarder och deras tillämpning. Hos oss kan du köpa alla publikationer du behöver – allt från enskilda standarder, tekniska rapporter och standardpaket till handböcker och onlinetjänster. Genom vår webbtjänst e-nav får du tillgång till ett lättnavigerat bibliotek där alla standarder som är aktuella för ditt företag finns tillgängliga. Standarder och handböcker är källor till kunskap. Vi säljer dem.

Utveckla din kompetens och lyckas bättre i ditt arbete

Hos SIS kan du gå öppna eller företagsinterna utbildningar kring innehåll och tillämpning av standarder. Genom vår närhet till den internationella utvecklingen och ISO får du rätt kunskap i rätt tid, direkt från källan. Med vår kunskap om standarders möjligheter hjälper vi våra kunder att skapa verklig nytta och lönsamhet i sina verksamheter.

Vill du veta mer om SIS eller hur standarder kan effektivisera din verksamhet är du välkommen in på www.sis.se eller ta kontakt med oss på tel 08-555 523 00.



Standards make the world go round

SIS (Swedish Standards Institute) is an independent non-profit organisation with members from both the private and public sectors. We are part of the European and global network that draws up international standards. Standards consist of documented knowledge developed by prominent actors within the industry, business world and society. They promote cross-border trade, they help to make processes and products safer and they streamline your organisation.

Take part and have influence

As a member of SIS you will have the possibility to participate in standardization activities on national, European and global level. The membership in SIS will give you the opportunity to influence future standards and gain access to early stage information about developments within your field.

Get to know the finished work

We offer our customers everything in connection with standards and their application. You can purchase all the publications you need from us - everything from individual standards, technical reports and standard packages through to manuals and online services. Our web service e-nav gives you access to an easy-to-navigate library where all standards that are relevant to your company are available. Standards and manuals are sources of knowledge. We sell them.

Increase understanding and improve perception

With SIS you can undergo either shared or in-house training in the content and application of standards. Thanks to our proximity to international development and ISO you receive the right knowledge at the right time, direct from the source. With our knowledge about the potential of standards, we assist our customers in creating tangible benefit and profitability in their organisations.

If you want to know more about SIS, or how standards can streamline your organisation, please visit www.sis.se or contact us on phone +46 (0)8-555 523 00



Europastandarden EN 822:1994 gäller som svensk standard. Detta dokument innehåller den officiella engelska versionen av EN 822:1994.

Denna standard ersätter SIS 21116, utgåva 1.

The European Standard EN 822:1994 has the status of a Swedish Standard. This document contains the official English version of EN 822:1994.

This standard supersedes the Swedish Standard SIS 21116, edition 1.

© Copyright/Upphovsrätten till denna produkt tillhör SIS, Swedish Standards Institute, Stockholm, Sverige. Användningen av denna produkt regleras av slutanvändarlicensen som återfinns i denna produkt, se standardens sista sidor.

© Copyright SIS, Swedish Standards Institute, Stockholm, Sweden. All rights reserved. The use of this product is governed by the end-user licence for this product. You will find the licence in the end of this document.

Uppllysningar om sakinnehållet i standarden lämnas av SIS, Swedish Standards Institute, telefon 08-555 520 00. Standarder kan beställas hos SIS Förlag AB som även lämnar allmänna uppllysningar om svensk och utländsk standard.

Information about the content of the standard is available from the Swedish Standards Institute (SIS), telephone +46 8 555 520 00. Standards may be ordered from SIS Förlag AB, who can also provide general information about Swedish and foreign standards.

Har du synpunkter på innehållet i den här standarden, vill du delta i ett kommande revideringsarbete eller vara med och ta fram andra standarder inom området? Gå in på www.sis.se - där hittar du mer information.

EUROPEAN STANDARD

EN 822

NORME EUROPÉENNE

EUROPÄISCHE NORM

July 1994

UDC 699.86:691:620.1:531.71

Descriptors: Buildings, thermal insulation, thermal insulating materials, dimensional measurements, length, width

English version

Thermal insulating products for building applications — Determination of length and width

Produits isolants thermiques destinés aux applications du bâtiment — Détermination de la longueur et de la largeur

Wärmedämmstoffe für das Bauwesen — Bestimmung der Länge und Breite

This European Standard was approved by CEN on 1994-07-22. CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the Central Secretariat or to any CEN member.

This European Standard exists 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 Central Secretariat has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

CEN

European Committee for Standardization
Comité Européen de Normalisation
Europäisches Komitee für Normung

Central Secretariat: rue de Stassart 36, B-1050 Brussels

Foreword

This European Standard has been prepared by CEN/TC 88, Thermal insulating materials and products, the secretariat of which is held by DIN.

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 January 1995, and conflicting national standards shall be withdrawn at the latest by December 1996.

This European Standard is one of a series of standards which specify test methods for determining dimensions and properties of thermal insulating materials and products. It supports a series of product standards for thermal insulating materials and products which derive from the Council Directive of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to construction products (Directive 89/106/EEC) through the consideration of the essential requirements.

This European Standard has been drafted for applications in buildings but it may also be used in other areas where it is relevant.

This European Standard has been prepared under a mandate given to CEN by the European Commission and the European Free Trade Association, and supports essential requirements of EC Directive(s).

In pursuance of Resolution BS 20:1993 Revised, CEN/TC 88 has proposed defining the standards listed below as a European "package" of standards, setting December 31, 1996 as the date of withdrawal (dow) of national standards which conflict with the European Standards of this package.

The "package" of standards comprises the following group of inter-related standards on test methods for determining dimensions and properties of thermal insulation materials and products, all of which come within the scope CEN/TC 88:

- EN 822 *Thermal insulating products for building applications — Determination of length and width*
- EN 823 *Thermal insulating products for building applications — Determination of thickness*
- EN 824 *Thermal insulating products for building applications — Determination of squareness*
- EN 825 *Thermal insulating products for building applications — Determination of flatness*

prEN 826 *Thermal insulating products for building applications — Determination of compression behaviour^a*

Thermal insulating products for building applications — Determination of the apparent density^a

Thermal insulating products for building applications — Determination of dimension and shape stability under constant normal laboratory conditions (23 °C/50 % relative humidity)^a

Thermal insulation products for building applications — Determination of dimensional stability under specified temperature and humidity conditions^a

Thermal insulating products for building applications — Determination of deformation under specified load and temperature conditions^a

Thermal insulating products for building applications — Determination of compressive creep^a

Thermal insulating products for building applications — Determination of tensile strength perpendicular to faces^a

Thermal insulating products for building applications — Determination of tensile strength parallel to faces^a

Thermal insulating products for building applications — Determination of short-term water absorption by partial immersion^a

Thermal insulating products for building applications — Determination of linear dimensions of test specimens^a

Thermal insulating products for building applications — Determination of water vapour transmission properties^a

Thermal insulating products for building applications — Determination of long-term water absorption by immersion^a

Thermal insulating products for building applications — Determination of long-term water absorption by diffusion^a

Thermal insulating products for building applications — Determination of bending behaviour^a

Thermal insulating products for building applications — Determination of shear behaviour^a

Thermal insulating products for building applications — Determination of freeze-thaw resistance^a

^a Standards are in preparation.

According to the CEN/CENELEC Internal Regulations, the following countries are bound to implement this European Standard: Austria, Belgium, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

Contents

	Page
Foreword	2
1 Scope	5
2 Normative references	5
3 Definitions	5
4 Principle	5
5 Apparatus	5
6 Test specimens	5
7 Procedure	5
8 Calculation and expression of results	6
9 Accuracy of measurement	6
10 Test report	6
Figure 1 — Positions for measurements of length and width of test specimens where both l and $b \leq 1,5$ m	5
Figure 2 — Positions for measurement of length and width of a test specimen where $l \geq 4,5$ m and $b \leq 1,5$ m	6

