

**Metallist raabitsvõrgud ja simsid.
Definitsioonid, nõuded ja
katsemeetodid. Osa 1: Krohvimistööd
siseruumides**

Metal lath and beads - Definitions, requirements and
test methods - Part 1: Internal plastering

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 13658-1:2005 sisaldab Euroopa standardi EN 13658-1:2005 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 22.06.2005 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 13658-1:2005 consists of the English text of the European standard EN 13658-1:2005.</p> <p>This document is endorsed on 22.06.2005 with the notification being published in the official publication of the Estonian national standardisation organisation.</p> <p>The standard is available from Estonian standardisation organisation.</p>
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<p>Käsitlusala: This European Standard specifies the requirements and test methods of metal lath and beads for internal plastering.</p>	<p>Scope: This European Standard specifies the requirements and test methods of metal lath and beads for internal plastering.</p>
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ICS 77.140.65, 91.100.10

Võtmesõnad: basis, beams, boards, ceilings, coatings

ICS 77.140.65; 91.100.10

English version

Metal lath and beads - Definitions, requirements and test methods - Part 1: Internal plastering

Lattis et cornières métalliques - Définitions, prescriptions et méthodes d'essai - Partie 1 : Enduits intérieurs

Putzträger und Putzprofile aus Metall - Begriffe, Anforderungen und Prüfverfahren - Teil 1: Innenputze

This European Standard was approved by CEN on 24 March 2005.

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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.

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Foreword

This document (EN 13658-1:2005) has been prepared by Technical Committee CEN/TC 241 "Gypsum and gypsum based products", 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 November 2005, and conflicting national standards shall be withdrawn at the latest by February 2007.

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

For relationship with EU Directive(s), see informative annex ZA, which is an integral part of this document.

No existing European Standard is superseded.

This European Standard on metal lath and beads consists of two parts :

— *Part 1 : Internal plastering*

— *Part 2 : External rendering.*

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

Introduction

Diagram 1 shows the family of gypsum products and standards.

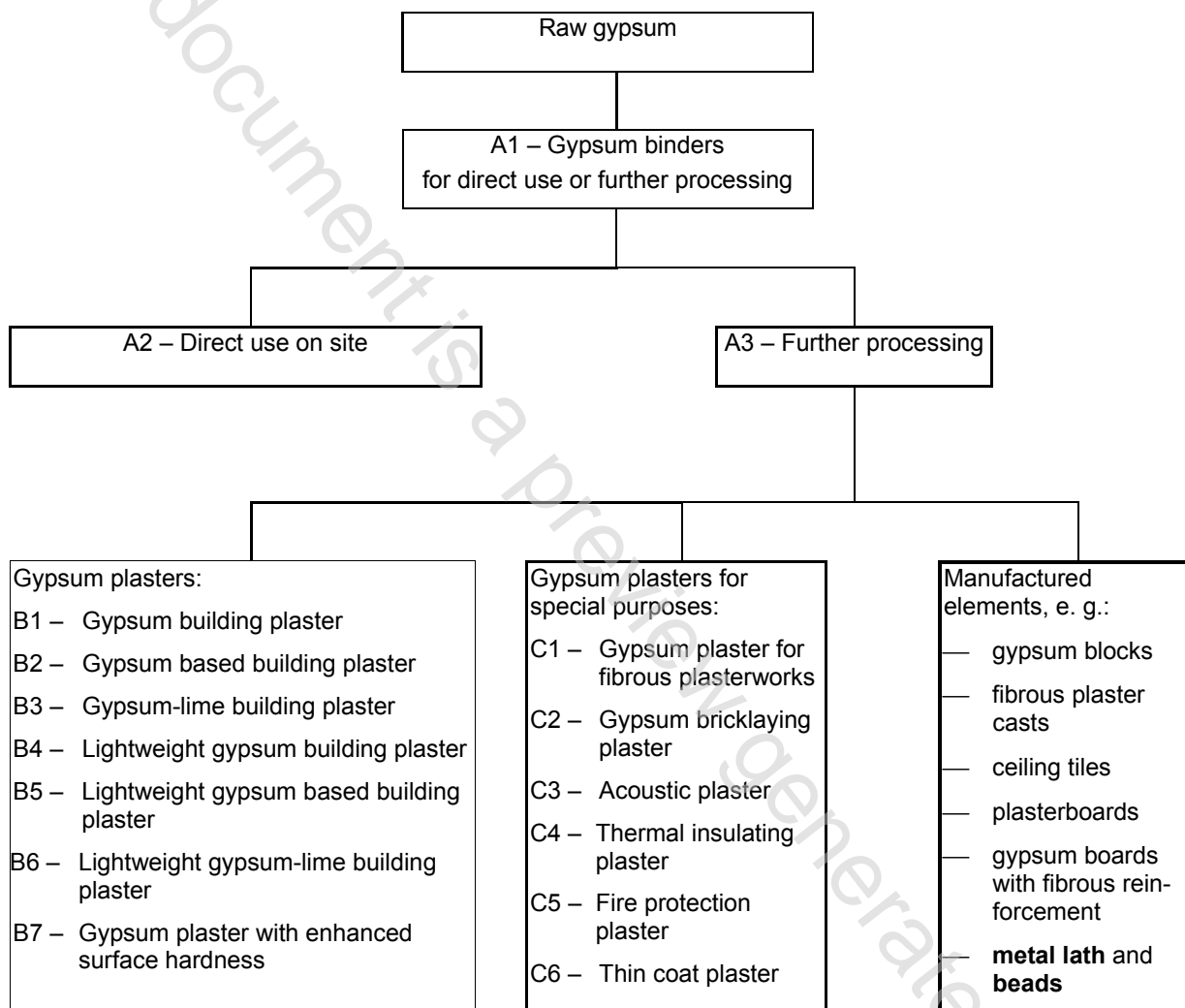


Diagram 1 — Family of gypsum products

1 Scope

This European Standard specifies the requirements and test methods of metal lath and beads for internal plastering.

This European Standard covers metal lath intended to be used for fixing to structures or solid backgrounds to provide a key to hold the plaster in position. Metal lath is used vertically to support linings for walls, partitions and columns and horizontally to support linings for ceilings and beams. Used in this way it enables fire protecting plastering systems to be provided.

This European Standard covers metal beads intended to be used to improve the protection of corners and also provide features to the internal finish of the construction as well as metal beads intended to be used as depth gauge beads and movement or expansion beads. They also contribute to fire protection.

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.

EN 485-2, *Aluminium and aluminium alloys - Sheet, strip and plate - Part 2: Mechanical properties*

EN 485-3, *Aluminium and aluminium alloys - Sheet, strip and plate - Part 3: Tolerances on dimensions and form for hot-rolled products*

EN 573-3, *Aluminium and aluminium alloys - Chemical composition and form of wrought products - Part 3: Chemical composition*

EN 988, *Zinc and zinc alloys - Specifications for rolled flat products for building*

EN 1364-1, *Fire resistance tests for non-loadbearing elements - Part 1: Walls*

EN 1364-2, *Fire resistance tests for non-loadbearing elements - Part 2: Ceilings*

EN 1365-1, *Fire resistance tests for loadbearing elements - Part 1: Walls*

EN 1365-3, *Fire resistance tests for loadbearing elements - Part 3: Beams*

EN 1365-4, *Fire resistance tests for loadbearing elements - Part 4: Columns*

EN 10088-1, *Stainless steels - Part 1: List of stainless steels*

EN 10088-2, *Stainless steels - Part 2: Technical delivery conditions for sheet/plate and strip for general purposes*

EN 10143, *Continuously hot-dip metal coated steel sheet and strip - Tolerances on dimensions and shape*

EN 10169-1, *Continuously organic coated (coil coated) steel flat products - Part 1: General information (definitions, materials, tolerances, test methods)*

EN 10218-2, *Steel wire and wire products - General - Part 2: Wire dimensions and tolerances*

EN 10244-1, *Steel wire and wire products - Non-ferrous metallic coatings on steel wire - Part 1: General principles*

EN 10258, *Cold-rolled stainless steel and narrow strip and cut lengths - Tolerances on dimensions and shape*

EN 10264-4, *Steel wire and wire products - Steel wire for ropes - Part 4: Stainless steel wire*

EN 10327, *Continuously hot-dip coated strip and sheet of low carbon steels for cold forming - Technical delivery conditions*

EN 13501-1, *Fire classification of construction products and building elements - Part 1: Classification using test data from reaction to fire tests*

EN 13501-2, *Fire classification of construction products and building elements - Part 2: Classification using data from fire resistance tests, excluding ventilation services*

EN 13914-2, *Design, preparation and application of external rendering and internal plastering - Part 2: Design considerations and essential principles for internal plastering*

3 Terms and definitions

For the purposes of this European Standard, the following terms and definitions apply.

3.1 Metal lath

3.1.1

expanded flat metal lath

corrosion resistant diamond shaped mesh to provide a key for plastering (see Figure 3a)

3.1.2

expanded corrugated metal lath

corrosion resistant diamond mesh to provide extra stiffness (see Figure 3b)

3.1.3

expanded ribbed lath

corrosion resistant mesh formed by expanding with integral solid ribs of at least 7 mm height to provide extra stiffness (see Figure 4)

3.1.4

expanded mini ribbed lath

corrosion resistant mesh formed by expanding with integral solid ribs between 4 mm and 7 mm height (see Figure 4)

3.1.5

stainless steel ribbed lath

stainless steel mesh with integral solid ribs of at least 7 mm height

3.1.6

paperbacked ribbed lath

corrosion protected paperbacked mesh with integral ribs of at least 7 mm height

3.1.7

standard paperbacked wire lath

corrosion resistant wire spot welded to form a square mesh to provide a key for plastering; between the horizontal and vertical wires a sheet of cardboard is positioned (see Figure 5)

3.1.8

reinforced paperbacked wire lath

same as 3.1.7, but the reinforcing wires are thicker and less widely spaced in order to increase stiffness

3.1.9

high ribbed paperbacked wire lath

same as 3.1.8, but with thicker wires to provide still greater stiffness