

**Tihedate tulekindlate profiiltoodete liigitus. Osa 3:
Põhitooted, mis sisaldavad jääksüsinikku 7% kuni 30%**

Classification of dense shaped refractory products - Part 3:
Basic products containing from 7 % to 30 % residual carbon

EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 12475-3:2000 sisaldab Euroopa standardi EN 12475-3:1998 ingliskeelset teksti.

Standard on kinnitatud Eesti Standardikeskuse 11.01.2000 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.

Standard on kättesaadav Eesti standardiorganisatsioonist.

This Estonian standard EVS-EN 12475-3:2000 consists of the English text of the European standard EN 12475-3:1998.

This standard is ratified with the order of Estonian Centre for Standardisation dated 11.01.2000 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.

The standard is available from Estonian standardisation organisation.

ICS 81.080

dolomiit, liigitus, mineraalid, nomenklatuur, süsinik, tihedad tulekindlad profiiltooted, toormaterjalid, tulekindlad magneesiumoksiidid, tulekindlad materjalid, tulekindlad profiilmaterjalid, tähistus

Standardite reprodutseerimis- ja levitamiseõigus kuulub Eesti Standardikeskusele

Andmete paljundamine, taastekitamine, kopeerimine, salvestamine elektroonilisse süsteemi või edastamine ükskõik millises vormis või millisel teel on keelatud ilma Eesti Standardikeskuse poolt antud kirjaliku loata.

Kui Teil on küsimusi standardite autorikaitse kohta, palun võtke ühendust Eesti Standardikeskusega:
Aru 10 Tallinn 10317 Eesti; www.evs.ee; Telefon: 605 5050; E-post: info@evs.ee

Right to reproduce and distribute belongs to the Estonian Centre for Standardisation

No part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying, without permission in writing from Estonian Centre for Standardisation.

If you have any questions about standards copyright, please contact Estonian Centre for Standardisation:
Aru str 10 Tallinn 10317 Estonia; www.evs.ee; Phone: 605 5050; E-mail: info@evs.ee

ICS

Descriptors: refractory materials, shaped refractories, dense shaped refractory products, nomenclature, classifications, designation, raw materials, magnesia refractories, dolomite; minerals, carbon

English version

Classification of dense shaped refractory products - Part 3: Basic products containing from 7% to 30% residual carbon

Classification des produits réfractaires façonnés denses -
Partie 3: Produits basiques contenant de 7% à 30% de
carbone résiduel

Klassifizierung dichter geformter feuerfester Erzeugnisse -
Teil 3: Basische Erzeugnisse mit einem Massenanteil an
Restkohlenstoff von 7% bis 30%

This European Standard was approved by CEN on 16 January 1998.

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, Czech Republic, Denmark, Finland, France, Germany, Greece, Iceland, Ireland, Italy, Luxembourg, Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.



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

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

Contents

		Page
	Foreword	3
1	Scope	4
2	Normative references	4
3	Classification	4
4	Designation	8

This document is a preview generated by EVS

Foreword

This European Standard has been prepared by Technical Committee CEN/TC 187 "Refractory products and materials", the secretariat of which is held by BSI.

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 month of August 1998, and conflicting national standards shall be withdrawn at the latest by month of August 1998.

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

EN 12475 Classification of dense shaped refractories consists of four Parts:

Part 1 : Alumina-silica products

Part 2 : Basic products containing less than 7 % carbon

Part 3 : Basic products containing from 7 % to 30 % residual carbon

Part 4 : Special products

This document is a preview generated by EVS

1 Scope

This part of EN 12475 specifies the classification and designation of dense shaped basic refractory products containing equal to or more than 7 % and less than 30 % residual carbon after coking. It is applicable to products with or without antioxidant additives, with or without metal plates and reinforcement.

NOTE 1 : EN 12475-2 covers the classification of dense shaped basic products containing less than 7 % carbon.

NOTE 2 : All bricks can be encased in metal plate and be reinforced by means of an internal metal plate.

2 Normative references

This European standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European standard only when incorporated in it by amendment or revision. For undated references, the latest edition of the publication referred to applies.

EN ISO 10058 :	Magnesites and dolomites - Chemical analysis
prEN 955-3 :	Chemical analysis of refractory products - Part 3: Chrome bearing materials
prEN 955-5 :	Chemical analysis of refractory products - Part 5: XRF analysis by the fused cast bead method
EN 993-3 :	Methods of test for dense shaped refractory products - Part 3: Tests for products containing carbon

3 Classification

3.1 Basis of classification

Dense shaped basic products containing more than or equal to 7 % and less than 30 % residual carbon after coking shall be classified according to the following five criteria:

- a) the type of product;
- b) the group determined by its magnesia content, its carbon content and the presence of antioxidant additives;
- c) the state of the raw materials;
- d) the nature of the bond;
- e) any post treatment.