

საქართველოს სტანდარტი

გზის ჰიდრაულიკური შემკვრელი - ნაწილი 1: სწრაფად გამმაგრებადი გზის
ჰიდრაულიკური შემკვრელი - შემადგენლობა, მახასიათებლები და
შესაბამისობის კრიტერიუმები

საქართველოს სტანდარტებისა და მეტროლოგიის
ეროვნული სააგენტო
თბილისი

საინფორმაციო მონაცემები

1 დამტკიცებულია და შემოღებულია სამოქმედოდ საქართველოს სტანდარტებისა და მეტროლოგიის ეროვნული სააგენტოს 2016 წლის 6 მაისი № 41 და 2016 წლის 1 თებერვლის № 7 განკარგულებებით

2 მიღებულია გარეკანის თარგმნის მეთოდით სტანდარტიზაციის ევროპული კომიტეტის სტანდარტი ენ 13282-1:2013 „გზის ჰიდრაულიკური შემკვრელი - ნაწილი 1: სწრაფად გამმაგრებადი გზის ჰიდრაულიკური შემკვრელი - შემადგენლობა, მახასიათებლები და შესაბამისობის კრიტერიუმები“

3 პირველად

4 რეგისტრირებულია საქართველოს სტანდარტებისა და მეტროლოგიის ეროვნული სააგენტოს რეესტრში: 2016 წლის 6 მაისის №268-1.3-9049

აკრძალულია ამ სტანდარტის გადაცემა მესამე პირებისათვის ან/და მისი სხვა ფორმით გავრცელება

English Version

Hydraulic road binders - Part 1: Rapid hardening hydraulic road binders - Composition, specifications and conformity criteria

Liants hydrauliques routiers - Partie 1: Liants hydrauliques routiers à durcissement rapide - Composition, spécifications et critères de conformité

Hydraulische Tragschichtbinder - Teil 1: Schnell erhärtende hydraulische Tragschichtbinder - Zusammensetzung, Anforderungen und Konformitätskriterien

This European Standard was approved by CEN on 20 October 2012.

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 CEN-CENELEC Management Centre 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 CEN-CENELEC Management Centre has the same status as the official versions.

CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.



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

Management Centre: Avenue Marnix 17, B-1000 Brussels

Contents

Page

Foreword..... 3

Introduction 4

1 Scope..... 5

2 Normative references..... 5

3 Terms and definitions 5

4 Hydraulic road binder 6

4.1 General 6

4.2 Rapid hardening hydraulic road binder 6

5 Constituents 6

5.1 Main constituents..... 6

5.2 Minor additional constituents..... 7

5.3 Calcium sulfate (Cs)..... 7

5.4 Additives..... 7

6 Classification..... 7

7 Requirements 8

7.1 Mechanical requirements..... 8

7.2 Physical requirements 8

7.3 Chemical requirement - Sulfate content..... 9

7.4 Composition 9

7.5 Durability requirements 10

7.6 Dangerous substances 10

8 Standard designation..... 10

9 Conformity criteria 11

9.1 General requirements 11

9.2 Conformity criteria for mechanical, physical and chemical properties and evaluation procedure 12

9.3 Conformity criteria for composition of rapid hardening hydraulic road binders 16

9.4 Conformity criteria for properties of constituents of rapid hardening hydraulic road binders..... 16

Annex ZA (informative) Clauses of this European Standard addressing the provisions of the EU Construction Products Directive 17

Bibliography..... 21

საინფორმაციო ნაწილი. სრული ტექსტის სახსრავად შეიძინეთ სტანდარტი.

Foreword

This document (EN 13282-1:2013) has been prepared by Technical Committee CEN/TC 51 "Cement and building limes", the secretariat of which is held by NBN.

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 September 2013, and conflicting national standards shall be withdrawn at the latest by September 2013.

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

This document and EN 13282-2¹⁾ supersede ENV 13282:2000.

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 European Standard.

This European Standard, EN 13282, *Hydraulic road binders* consists of the following parts:

- *Part 1: Rapid hardening hydraulic road binders — Composition, specifications and conformity criteria*
- *Part 2: Normal hardening hydraulic road binders — Composition, specifications and conformity criteria*
- *Part 3: Conformity evaluation*

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

1) To be published.

Introduction

Depending on the local experience and availability of products and materials, different binders are used for road bases and sub-bases, capping layers, soil treatment (soil stabilisation and improvement) in Europe. These include cements conforming to EN 197-1, building limes conforming to EN 459-1 and hydraulic road binders presently defined in existing national standards or national technical approvals.

Hydraulic road binders are finished products, produced in a factory and supplied ready for use. They are differentiated according to their strength development in rapid hardening hydraulic road binders, specified in this part of this European Standard and normal hardening hydraulic road binders, specified in prEN 13282-2. Part 3 of EN 13282 defines the conformity evaluation procedure for hydraulic road binders according to this standard.

Binders obtained through mixing of their constituents on site are not covered by this European Standard.

Cements, masonry cements and building limes are also outside the scope of this European Standard, as they are defined in specific European Standards.

საინფორმაციო ნაწილი. სრული ტექსტის სანახავად შეიძინეთ სტანდარტი.