

Reinforcement - Specifications for textile glass mats (chopped strand and continuous filament mats) - Part 1: Designation

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EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

<p>Käesolev Eesti standard EVS-EN 14118-1:2003 sisaldab Euroopa standardi EN 14118-1:2003 ingliskeelset teksti.</p> <p>Käesolev dokument on jõustatud 15.04.2003 ja selle kohta on avaldatud teade Eesti standardiorganisatsiooni ametlikus väljaandes.</p> <p>Standard on kättesaadav Eesti standardiorganisatsioonist.</p>	<p>This Estonian standard EVS-EN 14118-1:2003 consists of the English text of the European standard EN 14118-1:2003.</p> <p>This document is endorsed on 15.04.2003 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 establishes a method of designation for chopped strand and continuous filament mats made from textile glass strands, which may be used as the basis for specifications</p>	<p>Scope: This European Standard establishes a method of designation for chopped strand and continuous filament mats made from textile glass strands, which may be used as the basis for specifications</p>
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ICS 59.100.10

Võtmesõnad: amplification, classifications, composite materials, filaments, plastic reinforcement, plastics, reinforced materials, reinforcement, reinforcing materials, textile glass fabrics, textile glass, textile glass fibres, textile glass mats, woven fabrics

ICS 59.100.10

English version

Reinforcement - Specifications for textile glass mats (chopped strand and continuous filament mats) - Part 1: Designation

Renfort - Spécifications des mats de verre textile (mats à fils coupés et mats à fils continus) - Partie 1: Désignation

Verstärkungsprodukte - Spezifikation für Textilglasmatten (Glasfaser- und Endlosmatten) - Teil 1: Bezeichnung

This European Standard was approved by CEN on 28 November 2002.

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 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 Management Centre 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, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and United Kingdom.



EUROPEAN COMMITTEE FOR STANDARDIZATION
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Foreword

This document (EN 14118-1:2003) has been prepared by Technical Committee CEN/TC 249 "Plastics", the secretariat of which is held by IBN.

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 August 2003, and conflicting national standards shall be withdrawn at the latest by August 2003.

This standard is one part of EN 14118 which is structured as follows:

- *Reinforcement – Specifications for textile glass mats (chopped strand and continuous filament mats) – Part 1 : Designation*
- *Reinforcement – Specifications for textile glass mats (chopped strand and continuous filament mats) – Part 2 : Methods of test and general requirements*
- *Reinforcement – Specifications for textile glass mats (chopped strand and continuous filament mats) – Part 3 : Specific requirements*

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, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

This European Standard establishes a method of designation for chopped strand and continuous filament mats made from textile glass strands, which may be used as the basis for specifications.

This designation system is for chopped strand and continuous filament mats used for the reinforcement of plastics and hydraulic matrices.

It does not apply to mats made from staple fibres, nor to mechanical nor stitched bonded materials nor to veils.

It is not intended to imply that mats having the same designation give necessarily the same performance. Nor is the designation system intended to cover all the characteristics of mats. This standard does not give engineering data, performance data or data which may be required to specify chopped strand and continuous filament mats for a particular application or method of processing.

If such additional properties are required they shall be determined in accordance with the test methods specified in EN 14118-2.

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 (including amendments).

EN ISO 472:2001, *Plastics – Vocabulary (ISO 472:1999)*.

ISO 3374, *Reinforcement products - Mats and fabrics – Determination of mass per unit area*.

3 Terms and definitions

For the purposes of this European Standard, the terms and definitions given in EN ISO 472:2001 apply.

If applicable, additional terms are defined in part 2 of this standard.

4 Designation System

4.1 General

The designation system for textile glass mats is based on the following standardised pattern (see note).

Designation				
Description Block (optional)	Identity Block			
	Standard Number Block	Individual Item Block		
		Data Block 1	Data Block 2	Data Block 3