

საქართველოს სტანდარტი

სინათლის გადამცემი ბინა მრავალფენიანი პოლიკარბონატი (PC) ფურცლები
შიდა და გარე გამოყენების, სახურავები, კედლები და ჭერი-მოთხოვნები და
გამოცდის მეთოდი

საქართველოს სტანდარტებისა და მეტროლოგიის
ეროვნული სააგენტო
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აკრძალულია ამ სტანდარტის გადაცემა მესამე პირებისათვის ან/და მისი სხვა ფორმით გავრცელება

English Version

Light transmitting flat multiwall polycarbonate (PC) sheets for
internal and external use in roofs, walls and ceilings -
Requirements and test methods

Plaques d'éclairage multiparois et planes en
polycarbonate (PC) pour usage intérieur ou extérieur dans
les toitures, bardages et plafonds - Exigences et méthodes
d'essai

Lichtdurchlässige, flache Stegmehrfachplatten aus
Polycarbonat (PC) für Innen- und Außenanwendungen an
Dächern, Wänden und Decken - Anforderungen und
Prüfverfahren

This European Standard was approved by CEN on 5 February 2013 and includes Amendment 1 approved by CEN on 24 November 2014.

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Contents

Page

Foreword.....4

Introduction5

1 Scope6

2 Normative references6

3 Terms, definitions and symbols.....7

3.1 Terms and definitions7

3.2 Symbols 11

4 Requirements 12

4.1 Visual appearance 12

4.2 Dimensions and mass per unit area and their tolerances..... 13

4.3 Spectral characteristics 14

4.4 Total solar energy transmittance 15

4.5 Impact resistance..... 15

4.6 Durability 16

4.7 Deformation behaviour 17

4.8 Airborne sound insulation 17

4.9 Thermal transmittance 18

4.10 Water vapour permeability..... 18

4.11 Water/air tightness..... 18

4.12 Linear thermal expansion 18

4.13 Reaction to fire..... 18

4.14 External fire performance 18

4.15 Resistance to fire 19

4.16 Net heat of combustion 19

4.17 Presence of functional layers 19

4.18 Dangerous substances 19

4.19 Resistance to fixings 19

4.20 Temporary protective coverings 19

5 Test and calculation methods 20

5.1 Dimensional tolerances and mass per unit area 20

5.2 Total solar energy transmittance 25

5.3 Test method of exposure to artificial ageing 29

5.4 Yellowness index 29

5.5 Small hard body impact resistance 30

5.6 Deformation behaviour 31

5.7 Airborne sound insulation 42

5.8 Reaction to fire..... 43

6 Assessment and verification of constancy of performance – AVCP 48

6.1 General..... 48

6.2 Product type determination 48

6.3 Factory production control (FPC) 50

6.4 Initial inspection of factory and of FPC 52

6.5 Continuous surveillance of FPC 53

7 Marking and labelling 53

Annex A (normative) Magnification and reduction factors..... 55

A.1 General..... 55

საინფორმაციო ნაწილი. სრული ტექსტის სახსრავად შეიძინეთ სტანდარტი.

A.2	Load duration.....	55
A.3	Ageing and environmental influences	55
A.4	Influence of temperature.....	55
A.5	Conversion factors	56
A.6	Marginal deformation	56
A1)	Annex ZA (informative) Clauses of this European Standard addressing the provisions of the EU Construction Products Regulation	57
ZA.1	Scope and relevant characteristics	57
ZA.2	Procedure for AVCP of light transmitting flat multiwall polycarbonate sheets	59
ZA.2.1	Systems of AVCP	59
ZA.2.2	Declaration of performance (DoP)	62
ZA.2.2.1	General.....	62
ZA.2.2.2	Content.....	63
ZA.2.2.3	Example of DoP.....	64
ZA.3	CE marking and labelling.....	66 A1)
	Bibliography.....	69

Foreword

This document (EN 16153:2013+A1:2015) has been prepared by Technical Committee CEN/TC 128 "Roof covering products for discontinuous laying and products for wall cladding", 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 2015, and conflicting national standards shall be withdrawn at the latest by December 2016.

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 includes Amendment 1, approved by CEN on 2014-11-24.

This document supersedes EN 16153:2013.

The start and finish of text introduced or altered by amendment is indicated in the text by tags $\boxed{A_1}$ $\boxed{A_1}$.

$\boxed{A_1}$ 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 the EU Construction Products Regulation 305/2011.

For relationship with the EU Regulation 305/2011, see informative Annex ZA, which is an integral part of this document. $\boxed{A_1}$

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.

საინფორმაციო ნაწილი. სრული ტექსტის სახსრად შეიძინეთ სტანდარტი.

Introduction

This document describes the requirements for light transmitting flat multiwall PC sheets for internal and external use in walls, roofs and ceilings.

It is applicable to the sheets for the delivery only. Reference should be made to national regulations and manufacturer's literature for requirements concerning the design, storage and fundamental guidance for installation of sheets, including all safety aspects.

The standards and guideline addressing light transmitting flat multiwall PC sheets for building applications are the following:

- EN 1873, *Prefabricated accessories for roofing — Individual roof lights of plastics — Product specification and test methods* (harmonised standard)
- EN 14963, *Roof coverings — Continuous rooflights of plastics with or without upstands — Classification, requirements and test methods* (harmonised standard)
- EOTA ETA-Guideline 010, *Self supporting translucent roof kits*

The multiwall PC sheets that satisfy the requirements of this document are suitable for use as components in accordance with EN 1873, EN 14963 or EOTA ETA-Guideline 010.