

SLOVENSKI STANDARD
SIST EN 15534-6:2015/oprA1:2017
01-marec-2017

Kompoziti iz materialov na osnovi celuloze in plastomerov (navadno imenovani lesno-polimerni kompoziti (WPC) ali kompoziti iz naravnih vlaken (NFC)) - 6. del: Specifikacije za profile ograj in elementov

Composites made from cellulose-based materials and thermoplastics (usually called wood-polymer composites (WPC) or natural fibre composites (NFC)) - Part 6: Specifications for fencing profiles and elements

Verbundwerkstoffe aus cellulosehaltigen Materialien und Thermoplasten (üblicherweise Holz-Polymer-Werkstoffe (WPC) oder Naturfaserverbundwerkstoffe (NFC) genannt) - Teil 6: Anforderungen an Zaunprofile und -elemente

Composites à base de matières cellulosiques et de thermoplastiques (communément appelés composites bois-polymères (WPC) ou composites fibres d'origine naturelle (NFC)) - Partie 6 : Spécifications relatives aux profiles et éléments pour clôture

Ta slovenski standard je istoveten z: EN 15534-6:2015/prA1

ICS:

79.080	Polizdelki iz lesa	Semi-manufactures of timber
83.140.99	Drugi izdelki iz gume in polimernih materialov	Other rubber and plastics products

SIST EN 15534-6:2015/oprA1:2017 **en,fr,de**

EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

DRAFT
EN 15534-6:2015
prA1

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ICS 79.080; 83.140.99

English Version

**Composites made from cellulose-based materials and
thermoplastics (usually called wood-polymer composites
(WPC) or natural fibre composites (NFC)) - Part 6:
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This draft amendment is submitted to CEN members for enquiry. It has been drawn up by the Technical Committee CEN/TC 249.

This draft amendment A1, if approved, will modify the European Standard EN 15534-6:2015. If this draft becomes an amendment, CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for inclusion of this amendment into the relevant national standard without any alteration.

This draft amendment was established by CEN 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.

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Recipients of this draft are invited to submit, with their comments, notification of any relevant patent rights of which they are aware and to provide supporting documentation.

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

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European foreword

This document (EN 15534-6:2015/prA1:2017) has been prepared by Technical Committee CEN/TC 249 "Plastics", the secretariat of which is held by NBN.

This document is currently submitted to the CEN Enquiry.

EN 15534-6:2015/prA1:2017 (E)

1 Modification to B.2, Apparatus

Replace:

"**B.2.4 Radiant panel**, fitted with filament infrared lamps positioned in such way that the emitted radiation emission energy will be distributed as evenly as possible over the test specimen. The power of the radiant panel shall be such that the reference temperature, T_r , measured on the test specimen, can be reached within 2 h and maintained afterwards within a range of ± 5 °C. See Annex C for detailed information."

with:

"**B.2.4 Radiant panel**, fitted with filament infrared lamps positioned in such way that the emitted radiation emission energy will be distributed as evenly as possible over the test specimen. The power of the radiant panel shall be such that the reference temperature, T_r , measured on the black panel, can be reached within 2 h and maintained afterwards within a range of ± 5 °C. See Annex C for detailed information."

2 Modifications to B.5, Procedure

Replace:

"**B.5.1** Mount the test specimen in the supporting frame in a compatible way with the manufacturer's fixing instructions. However, the bow of any part of the test specimen connected to the supporting frame shall not exceed 1 mm."

with:

"**B.5.1** Mount the test specimen in the supporting frame in a compatible way with the manufacturer's fixing instructions. The bow of any part of the test specimen connected to the supporting frame shall be reported."

Replace:

"**B.5.4** Switch on the radiant panel and adjust the reference temperature, T_r , of the test specimen, measured by means of the IR-thermometer, between 70 °C and 75 °C by changing either the distance between the radiant panel and the test specimen or the power of the infrared lamps."

with:

"**B.5.4** Switch on the radiant panel and adjust the reference temperature, T_r , ~~of the test specimen~~ measured by means of the IR-thermometer, between 70 °C and 75 °C on the black panel by changing either the distance between the radiant panel and the test specimen or the power of the infrared lamps."

Replace:

"**B.5.5** After an irradiation of $(2 \pm 0,1)$ h, measure and record the bow, dbm , and the cupping, dcm , of the initially measured parts of the test specimen, while the irradiation is still on. Examine visually the test specimen and record any damage to the test specimen."

with:

"**B.5.5** After an irradiation of $(2 \pm 0,1)$ h after the reference temperature has been reached, measure and record the bow, dbm , and the cupping, dcm , of the initially measured parts of the test specimen, while the irradiation is still on. Examine visually the test specimen and record any damage to the test specimen."

3 Modification to B.6, Expression of the results

(This concerns the English reference version only.)

Replace:

"Calculate the variation of the bow by using Formula (B.1):

$$\Delta db = db_m - db_i \quad (\text{B.1})$$

where

Δdb is the variation of the cupping, expressed in millimetres;

db_m is the cupping after the irradiation at the end of testing (B.5.5), expressed in millimetres;

db_i is the initial cupping (B.5.3), expressed in millimetres.

Calculate the variation of the cupping using Formula (B.2):

$$\Delta dc = dc_m - dc_i \quad (\text{B.2})$$

where

Δdc is the variation of the bow, expressed in millimetres;

dc_m is the bow after the irradiation at the end of testing (B.5.5), expressed in millimetres;

dc_i is the initial bow (B.5.3), expressed in millimetres.

"

with:

"Calculate the variation of the bow by using Formula (B.1):

$$\Delta db = db_m - db_i \quad (\text{B.1})$$

where

Δdb is the variation of the bow, expressed in millimetres;

db_m is the bow after the irradiation at the end of testing (B.5.5), expressed in millimetres;

db_i is the initial bow (B.5.3), expressed in millimetres.

Calculate the variation of the cupping using Formula (B.2):

$$\Delta dc = dc_m - dc_i \quad (\text{B.2})$$

where

Δdc is the variation of the cupping, expressed in millimetres;

dc_m is the cupping after the irradiation at the end of testing (B.5.5), expressed in millimetres;

dc_i is the initial cupping (B.5.3), expressed in millimetres.

".