Glass in building - Adhesive backed polymeric filmed OIL

A DECTION OF THE O glass - Part 1: Definitions and requirements



EESTI STANDARDI EESSÕNA

NATIONAL FOREWORD

| See Eesti standard EVS-EN 15755-1:2014 sisaldab Euroopa standardi EN 15755-1:2014 inglisekeelset teksti. | This Estonian standard EVS-EN 15755-1:2014 consists of the English text of the European standard EN 15755-1:2014. |
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| Standard on jõustunud sellekohase teate avaldamisega EVS Teatajas. | This standard has been endorsed with a notification published in the official bulletin of the Estonian Centre for Standardisation. |
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EUROPEAN STANDARD

EN 15755-1

NORME EUROPÉENNE EUROPÄISCHE NORM

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English Version

Glass in building - Adhesive backed polymeric filmed glass - Part 1: Definitions and requirements

Verre dans la construction - Verre avec film polymère adhésif - Partie 1: Définitions et exigences

Glas im Bauwesen - Glas mit selbstklebender Polymerfolie -Teil 1: Begriffe und Anforderungen

This European Standard was approved by CEN on 15 May 2014.

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Contents Page Foreword4 Introduction5 1 Normative references 6 2 3 Glass substrate 9 4 Product definitions 10 5 General 10 5.1 Solar control....... 10 5.2 Safety 10 5.3 5.4 5.4.1 General.......11 Resistance to manual attack11 5.4.2 Resistance to explosive pressure.......11 5.4.3 Resistance to ballistic attack.......11 5.4.4 5.5 5.6 5.7 Decorative 12 5.8 5.9 5.10 Determination of the durability of adhesive backed polymeric filmed glass 12 6 6.1 6.2 6.2.1 6.2.2 6.2.3 6.2.4 6.2.5 6.2.6 6.2.7 6.2.8 6.2.9 6.2.10 6.2.11 General 15 7.1 7 2 7.2.1 7.2.2 7.2.3 Daylight illumination15 7.3 7.3.1 7.3.2 7.3.3 7.3.4

| 7.4 | Acceptance criteria for adhesive backed polymeric filmed glass defects | 19 |
|----------|---|----|
| 8 8.1 | Product information General | |
| Annex | A (informative) Guidelines for installation of adhesive backed polymeric film | 22 |
| A.1 | General | 22 |
| A.2 | Wet lamination | 22 |
| A.2.1 | General | 22 |
| A.2.2 | General Points | 22 |
| A.2.3 | Installation | 22 |
| A.2.3.1 | Prepare for the installation | 22 |
| A.2.3.2 | Clean the glazing | 23 |
| A.2.3.3 | Install the adhesive backed polymeric film to the glazing | 23 |
| A.2.3.4 | Squeegee the film – first procedure | 24 |
| A.2.3.5 | Trim the film | 25 |
| A.2.3.6 | Finish the squeegee process – second procedure | 25 |
| A.2.3.7 | Housekeeping | 25 |
| A.2.3.8 | . β Safety films ≥ 200μ | 26 |
| A.3 | Dry installation | 26 |
| Annex | B (informative) Film to glass compatibility and thermal stress | 27 |
| | graphy | |
| | | 3 |

Foreword

This document (EN 15755-1:2014) has been prepared by Technical Committee CEN/TC 129 "Glass in building", 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 February 2015, and conflicting national standards shall be withdrawn at the latest by February 2015.

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Introduction

Adhesive backed polymeric filmed glass is glass which has had its properties and performance modified by the application of adhesive backed polymeric film.

r of difturgy transfict behaviour, There are a number of different types of films that are manufactured to modify specific properties of glass, including: solar energy transmittance, visible light transmittance, emissivity, Ultra Violet transmittance, privacy, appearance, impact behaviour, security, electromagnetic frequency (EMF) attenuation, and surface protection.

1 Scope

This European Standard defines the characteristics, properties and classification of adhesive backed polymeric filmed glass, i.e. glass product that has had an adhesive backed polymeric film applied, for use in buildings. The adhesive backed polymeric film is based on biaxially oriented polyester film as defined in EN 15752-1. This applies to both site and factory applications.

This European Standard does not apply to adhesive backed polymeric films manufactured using polyvinylchloride (PVC).

Other requirements, not specified in this standard, may apply to adhesive backed polymeric filmed glass that is incorporated into assemblies, e.g. laminated glass or insulating glass units. The additional requirements are specified in the appropriate product standard. Adhesive backed polymeric filmed glass, in this case, does not lose its mechanical or thermal characteristics.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

EN 356, Glass in building - Security glazing - Testing and classification of resistance against manual attack

EN 410, Glass in building - Determination of luminous and solar characteristics of glazing

EN 572-1, Glass in building - Basic soda lime silicate glass products - Part 1: Definitions and general physical and mechanical properties

EN 572-2, Glass in building - Basic soda lime silicate glass products - Part 2: Float glass

EN 572-7, Glass in building - Basic soda lime silicate glass products - Part 7: Wired or unwired channel shaped glass

EN 673, Glass in building - Determination of thermal transmittance (U value) - Calculation method

EN 1063, Glass in building - Security glazing - Testing and classification of resistance against bullet attack

EN 12600, Glass in building - Pendulum test - Impact test method and classification for flat glass

EN 12898, Glass in building - Determination of the emissivity

EN 15752-1:2014, Adhesive backed polymeric film – Definitions and description

EN 50147-1, Anechoic chambers - Part 1: Shield attenuation measurement

EN ISO 8510-2, Adhesives - Peel test for a flexible-bonded-to-rigid test specimen assembly - Part 2: 180 degree peel (ISO 8510-2)

ISO 16933, Glass in building — Explosion-resistant security glazing — Test and classification for arena airblast loading

CIE 13.3:1995, Method of Measuring and Specifying Colour Rendering Properties of Light Sources