SLOVENSKI STANDARD
kSIST FprEN 15755-1:2014

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Steklo v gradbeništvu - Samolepljiva polimerna steklena folija - 1. del: Definicije in zahteve

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

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

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

Ta slovenski standard je istoveten z: **FprEN 15755-1**

ICS:

81.040.20	Steklo v gradbeništvu	Glass in building
83.140.10	Filmi in folije	Films and sheets

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EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
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Foreword

This document (FprEN 15755-1:2013) has been prepared by Technical Committee CEN/TC 129 “Glass in building”, the secretariat of which is held by NBN.

This document is currently submitted to the Unique Acceptance Procedure.

Introduction

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

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 FprEN 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 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*

FprEN 15752-1:2013, *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 air-blast loading*

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