SLOVENSKI STANDARD
kSIST FprEN 15752-1:2014

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

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

Glas im Bauwesen - Selbstklebende Polymerfolie - Teil 1: Begriffe und Anforderungen

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

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ICS:

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

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

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

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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Foreword

This document (FprEN 15752-1:2013) 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 film is designed to be applied to glass to modify the properties and performance of the glass.

Different types of adhesive backed polymeric films 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 adhesive backed polymeric film based on biaxially oriented polyester film, and the performance characteristics of adhesive backed polymeric film for use on glass in buildings.

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 other glass or glazing products, e.g. laminated glass or insulating glass units, when adhesive backed polymeric film is included as part of the original assembly or manufacture of the glazing product. These additional requirements are specified in the appropriate product standard. Adhesive backed polymeric film, 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 410:2011, *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 673, *Glass in building – Determination of thermal transmittance (U value) – Calculation method*

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 50147-1, *Anechoic chambers – Part 1: Shield attenuation measurement*

EN ISO 4892-1, *Plastics – Methods of exposure to laboratory light sources – Part 1: General guidance (ISO 4892-1)*

EN ISO 4892-2, *Plastics – Methods of exposure to laboratory light sources – Part 2: Xenon-arc lamps (ISO 4892-2)*

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*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

3.1
adhesive backed polymeric film
one or more layers of polymeric film with an adhesive on one external face