

Specifications for impact modified coextruded ABS/Acrylic sheets for baths and shower trays for domestic purposes

ICS 91.140.70

National foreword

This British Standard is the UK implementation of EN 13559:2003 incorporating Corrigendum 1:2013. It supersedes BS EN 13559:2003, which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee B/503, Sanitary appliances.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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English version

Specifications for impact modified coextruded ABS/Acrylic sheets for baths and shower trays for domestic purposes

Spécifications relatives aux feuilles en acrylique et ABS coextrudées à résistance au choc modifiée pour baignoires et receveurs de douche à usage domestique

Spezifizierung von coextrudierten schlagzäh-modifizierten PMMA/ABS-Platten für Badewannen und Duschwannen für den Hausgebrauch

This European Standard was approved by CEN on 26 June 2003.

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Foreword

This document (EN 13559:2003) has been prepared by Technical Committee CEN /TC 163, "Sanitary appliances" the secretariat of which is held by UNI.

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of an identical text or by endorsement, at the latest by March 2004, and conflicting national standards shall be withdrawn at the latest by March 2004.

According to the CEN/CENELEC Internal Regulations, the national standards organizations of the following countries are bound to implement this European Standard: Austria, Belgium, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Luxembourg, Malta, Netherlands, Norway, Portugal, Slovakia, Spain, Sweden, Switzerland and the United Kingdom.

1 Scope

This European Standard specifies the properties of coextruded ABS sheets with impact modified acrylic top layer from which baths and shower trays for domestic purposes are manufactured.

Note : For the purposes of this standard the term "domestic purposes" includes use in hotels, accommodation for students, hospitals and similar buildings, except when special medical provisions are required.

2 Normative references

This European standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

prEN ISO 15015:1997, Extruded sheets of impact-modified acrylonitrile/styrene copolymers, (ABS, AES or ASA). Requirements and test methods (ISO/DIS 15015: 1997).

ISO 75-2, *Plastics. Determination of temperature of deflection under load - Part 2: Plastics and ebonite.*

ISO 105-A02, *Textiles. Tests for colour fastness. – Part A02 Grey scale for assessing change in colour.*

ISO 179, *Plastics. Determination of Charpy impact properties.*

ISO 527, *Plastics. Determination of tensile properties.*

ISO 4892, *Plastics. Methods of exposure to laboratory light sources.*

3 Terms and definitions

For the purpose of this standard, the following term and definition applies:

3.1

Coextruded impact modified PMMA/ABS sheet

coextruded sheet with ABS substrate and a top layer of modified PMMA.

4 Requirements

4.1 General requirements

The coextruded impact modified PMMA / ABS sheet shall comply with the requirements of table 1 when tested to the methods given in Table 1.