

STN	Plasty Metódy vystavovania slnečnému žiareniu Časť 2: Priamy poveternostný vplyv a vystavenie za okenným sklom (ISO 877-2: 2025)	STN EN ISO 877-2 64 0771
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Plastics - Methods of exposure to solar radiation - Part 2: Direct weathering and exposure behind window glass (ISO 877-2:2025)

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 11/25

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English Version

**Plastics - Methods of exposure to solar radiation - Part 2:
Direct weathering and exposure behind window glass (ISO
877-2:2025)**

Plastiques - Méthodes d'exposition au rayonnement
solaire - Partie 2: Exposition directe et exposition
derrière une vitre en verre (ISO 877-2:2025)

Kunststoffe - Freibewitterung - Teil 2: Bewitterung und
Bestrahlen hinter Fensterglas (ISO 877-2:2025)

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CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN ISO 877-2:2025 (E)

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European foreword

This document (EN ISO 877-2:2025) has been prepared by Technical Committee ISO/TC 61 "Plastics" in collaboration with Technical Committee CEN/TC 249 "Plastics" the secretariat of which is held by SIS.

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of an identical text or by endorsement, at the latest by February 2026, and conflicting national standards shall be withdrawn at the latest by February 2026.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN shall not be held responsible for identifying any or all such patent rights.

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Endorsement notice

The text of ISO 877-2:2025 has been approved by CEN as EN ISO 877-2:2025 without any modification.



International Standard

ISO 877-2

Plastics — Methods of exposure to solar radiation —

Part 2: Direct weathering and exposure behind window glass

*Plastiques — Méthodes d'exposition au rayonnement solaire —
Partie 2: Exposition directe et exposition derrière une vitre en verre*

**Second edition
2025-07**

ISO 877-2:2025(en)



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ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

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ISO 877-2:2025(en)**Foreword**

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO documents should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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This document was prepared by Technical Committee Technical Committee ISO/TC 61, *Plastics, SC 6, Ageing, chemical and environmental resistance*, in collaboration with the European Committee for Standardization (CEN) Technical Committee CEN/TC 249, *Plastics*, in accordance with the Agreement on technical cooperation between ISO and CEN (Vienna Agreement).

This second edition cancels and replaces the first edition (ISO 877-2:2009), which has been technically revised.

The main changes are as follows:

- addition of a requirement for the area beneath and in the vicinity of racks in [5.1](#);
- clarification that no shadow of nearby objects shall fall on the specimens in [7.2](#);
- addition of Bibliography to include reference from [5.3](#), NOTE 2;
- deletion of NOTE in [5.4](#).

A list of all parts in the ISO 877 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Plastics — Methods of exposure to solar radiation —

Part 2:

Direct weathering and exposure behind window glass

1 Scope

This document specifies a method for the direct exposure of plastics to solar radiation (method A) and a method for the exposure of plastics to glass-filtered solar radiation (exposure behind window glass) (method B). The purpose is to assess property changes produced after specified stages of such exposures.

General guidance concerning the scope of the ISO 877 series^[1] is given in ISO 877-1.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 877-1:2025, *Plastics — Methods of exposure to solar radiation — Part 1: General guidance*

koniec náhľadu – text ďalej pokračuje v platenej verzii STN