



INSTITUT PRO TESTOVÁNÍ A CERTIFIKACI, a.s.

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Division CSI - Centre of Civil Engineering

CERTIFICATION PROTOCOL

315200186/2025

*certification scheme CZ-ITC 1a according ČSN EN ISO/IEC 17067:2014
based on the testing*

Product: **Internal cellular windowsills**

type/variation: **Dplex - 600**

Applicant: **Dplex s.r.o.**

INo: 172 65 223

Address: No. 2, 679 01 Skalice nad Svitavou, Czech Republic

Manufacturer: **Dplex s.r.o.**

INo: 172 65 223

Address: No. 2, 679 01 Skalice nad Svitavou, Czech Republic

Plant: -

Address:

Order: 315200186

Head assessor: Ing. Lenka Lazareva

Dated: 2025-10-03

Number of cert. protocol pages:

Annexes:



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Director of CSI Division

Introduction

The applicant is also a manufacturer and has applied for independent third-party certification of the product by the Institute for Testing and Certification, a.s., Zlín (hereafter referred to as ITC). This is a voluntary certification.

The certification protocol is issued in accordance with ČSN EN ISO/IEC 17067 (certification scheme CZ-ITC 1a – based on the testing). It includes tests of the submitted product sample by the applicant/manufacturer.

This certification does not replace the obligation to assess the product according to the relevant regulations for placing construction products on the EU market.

1. Identification of the product and intended use

Product name: Internal cellular windowsills

Type: Dplex - 600

Product description and use:

Internal cellular window sill panels are hollow (cellular) extruded profiles made of recycled PVC-U, on the outer surface they can be provided with PVC decorative foil, they are used for internal use.

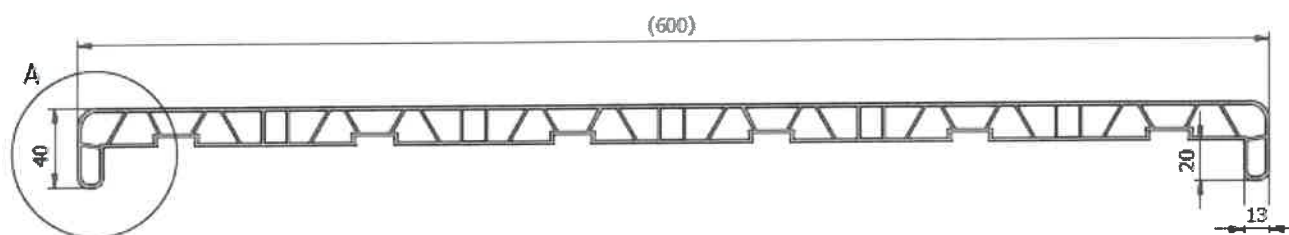
Raw materials for extrusion are produced by recycling PVC window and door profiles. Window sill panels are finished with side caps. The product is fixed to the substrate - the window sill by gluing (assembly adhesive, neutral silicone, low-expansion PU foam)

Width in mm: 100, 150, 200, 250, 300, 350, 400, 450, 500, 600. Length 6 m.

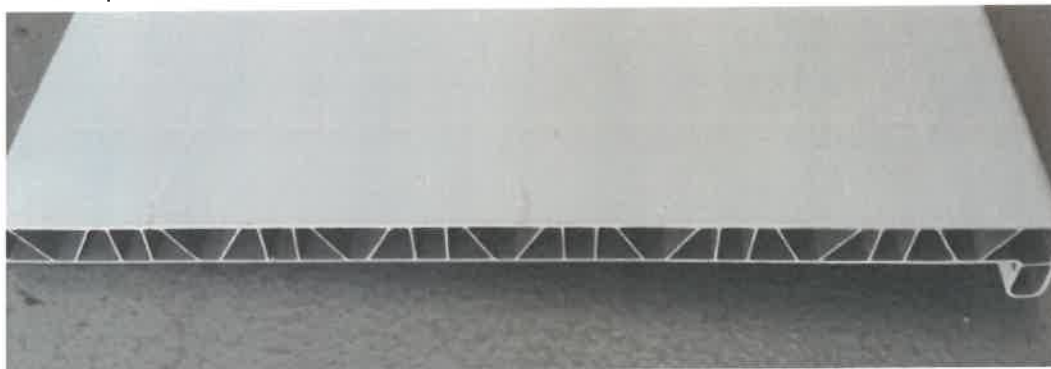
Height of the panel nose: 40 mm

Thickness of the panel: 20 mm

Technical drawing of the product:



Product photo:



2. Documents used in certification

Table No. 1: Technical specification, technical regulation related to product certification

	Document designation	Name of the document
1	TS-ITC- 081/98/c:2021, within the scope of Articles 1-5	„Internal windowsills and external sills based on PVC-U“

Table No. 2 Test standard, test method

Note: The test standards used are listed in the technical specification TS-ITC- 081/98/c:2021

	Test standard/method	Validated parameter
1	ČSN 64 3211:1986, art. 25 (24 h, 70°C)	Dimensional stability
2	ČSN EN 478:2018	Behavior after thermal aging
3	ČSN EN 13501-1:2019	Reaction to fire
4	ČSN EN 73 0863:1991	Flame spread index
5	ČSN EN 477:2018	Resistance to impact by falling mass

3. Product assessment

The assessment was carried out according to the CZ-ITC 1a certification scheme – based on testing, including testing of the submitted product sample.

3.1 Sampling

Samples were collected and submitted by the applicant/manufacturer.

Sample submission date: 18.08.2025

3.2 Test results and assessments

The test results are given in the following test reports:

- Accredited laboratory test report AZL 1007.1 No. 315200186-01, Issued by Institut pro testovani a certifikaci a.s., 01.09.2025
- Accredited laboratory test report AZL 1007.4 No. 25/P452, Issued by Institut pro testovani a certifikaci a.s., Division CSI, 03.10.2025
- Accredited laboratory test report AZL 1007.4 No. 25/P453, Issued by Institut pro testovani a certifikaci a.s., Division CSI, 03.10.2025
- Classification report Classification reaction to fire in accordance with ČSN EN 13501-1:2019 No.PK-25-211, Issued by Institut pro testovani a certifikaci a.s., Division CSI, 03.10.2025

3.3 Evaluation of test results and product assessment

Table No. 3: Test results: Internal cellular windowsills, type: Dplex-600, sample no. 315200186/1

	Technical property	Test report	Test method	Test result	Required/ Declared value	Evaluation/ Required class
1	Dimensional stability (24 h, 70°C) - Longitudinal direction - Transverse direction	315200186-01	ČSN 64 3211, art. 25	0,43 % 0,18 %	Max 0,5 %	confirmed
2	Behavior after thermal aging (30 min, 70°C)	315200186-01	ČSN EN 478	No cracks, fissures, bubbles, collapsed areas or delaminations were detected on the cross-section.	No surface changes (bubbles, cracks, depressions and delamination)	confirmed
3	Reaction to fire (class E)	25/P452 PK-25-211	ČSN EN ISO 11925-2 ČSN EN 13501-1	Class E	Class E	confirmed
4	Flame spread index	25/P453	ČSN EN 73 0863	38,6 mm/min	Max 75 mm/min ^{a)}	confirmed
5	Resistance to impact by falling mass (weight 1.0 kg, weight drop height 300 mm)	315200186-01	ČSN EN 477	10% of broken test specimens	Max 10% of broken test specimens	confirmed

Note ^{a)} The max level of the flame spread index is determined by Czech technical standards for fire safety in buildings for the defined area of use of the product, here is stated the limit for wall surfaces acc to ČSN 73 0802 ed2:2023, table 14

3.4 Assessment of product characteristics with requirements

The product sample in the monitored characteristics **corresponds** to the requirements of the technical specification and technical regulations listed in Table No. 1.

3.5 Instructions for use and product labeling

The applicant submitted a "Technical Data Sheet" for the product in Czech.



4. Conclusion

The assessment was carried out on the basis of the documentation submitted by the applicant, the test results and the requirements of the technical specification and technical regulations listed in point 2 of this protocol.

Based on the testing, the conformity of selected properties of the assessed product with the requirements of TS-ITC- 081/98/c:2021, within the scope of Articles 1-5, has been demonstrated and an **ITC certificate will be issued**.

The manufacturer is responsible for ensuring compliance of subsequent production with the certified product type. The manufacturer is obliged to implement all measures in the production process guaranteeing the conformity of all products with the requirements of the technical regulations listed in Table No. 1.

The applicant is obliged to notify the certification body immediately if any changes regarding the characteristics of the certified product, technical regulations and technical specifications, production technology, input raw materials and production equipment, no later than the day when these changes occur.

The conclusions stated in this protocol are valid provided there is no change in the facts under which the conformity assessment was carried out.

5. List of other documents used for certification

- Application for product certification No. 315200186 dated 13. 08.2025
- Conformity assessment agreement No. 315200186
- Technical specification TS-ITC- 081/98/c:2021 „Internal windowsills and external sills based on PVC-U“
- Accredited laboratory test report AZL 1007.1 No. 315200186-01, Issued by Institut pro testovani a certifikaci a.s., 01.09.2025
- Accredited laboratory test report AZL 1007.4 No. 25/P452, Issued by Institut pro testovani a certifikaci a.s., Division CSI, 03.10.2025
- Accredited laboratory test report AZL 1007.4 No. 25/P453, Issued by Institut pro testovani a certifikaci a.s., Division CSI, 03.10.2025
- Classification report Classification reaction to fire in accordance with ČSN EN 13501-1:2019 No.PK-25-211, Issued by Institut pro testovani a certifikaci a.s., Division CSI, 03.10.2025
- Technical data sheet - PVC cellular window sill DPLEX from 10.8.2024

6. Annexes

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