
















# ift-Product Passport



Heat soaked thermally toughened soda lime silicate safety glass (TSG-H) as per EN 14179-2

Number	<b>22-001365-PR05 PP-H04-UZ02-en-02</b>	
Validity	<b>Valid until 30.04.2027</b>	
Declaration holder	Press Glass Sp. z o.o. ul. Golfowa 19 42-274 Konopiska Poland	
Production sites	Press Glass Sp.z.o.o. ul. Cielmicka 44 43-100 Tychy, Poland	Press Glass Sp.z.o.o. ul. Geodetów 4 97-500 Radomsko, Poland
Product family 1	thermally toughened uncoated float glass	
Product family 2	thermally toughened coated float glass	
Product family 3	thermally toughened enamelled float glass	
Product designation	<b>TSG-H</b>	
Mechanical resistance	EN 14179-1	
Fragmentation	EN 14179-1	

## Performance characteristics (as per EN 14179-2 Annex ZA.1)

Characteristics	Resistance to fire	Reaction to fire	External fire behaviour	Bullet resistance	Explosion resistance	Burglar resistance	Resistance to Impact test
Class / value	 npd	 A1	 npd	 npd	 npd	 npd	 1(C)0 1(C)1 1(C)2*
Characteristics	Thermal shock resistance	Safety in use - Mechanical resistance	Sound reduction index	Thermal properties	Light transmittance and reflection	Solar energy characteristics	
Class / value	 $\Delta T=200K$	 120 N/mm <sup>2</sup>	 R <sub>w</sub> 28-37 dB*	 U <sub>g</sub> * 5.3-5.8	 npd	 npd	

npd = no performance determined

\* Values depend on the product structure

**ift Rosenheim**

01.05.2024

Translation dated 01.05.2024



signed  
Alexander Meister, Dipl.-Ing. (FH)  
Project Engineer  
Certification & Surveillance Body

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Carolin Lamprecht, B.Sc.  
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This document is valid without a signature. The original document no. 22-001365-PR05 (PP-H04-UZ02-de-02) dated 01.05.2024 remains legally binding.

### Basis

DIN EN 14179-2 : 2005-08  
Glass in Building -  
Heat soaked thermally  
toughened soda lime silicate  
safety glass - Part 2: Evaluation  
of conformity

ift Certification scheme Heat  
soaked thermally toughened  
soda lime silicate safety glass  
(QM334)

ift-Product Passport  
no. 22-001365-PR05  
(PP-H04-UZ02-en-01)

### Instructions for use

The ift Product Passport  
provides evidence of the general  
performance of the designated  
product families as set out by  
the product standard.

The values/classes indicated  
refer both to the specific object  
described in the specific  
evidence of performance and  
the scope/field of application  
defined by the ift system  
passport.

Application of the performance  
characteristics is subject to the  
national technical provisions  
referring to building construction  
and the respective contractual  
provisions.

This Product Passport can be  
used by the manufacturer for  
preparing the Declaration of  
Performance in accordance with  
the Construction Products  
Regulation 305/2011/EU and for  
obtaining the ift Certificate that  
documents the conformity of the  
finished products and of the  
factory production control by  
means of a continuing  
surveillance at the  
manufacturing plant carried out  
by the ift Rosenheim.

### Notes on publication

The ift-Guidance Sheet  
"Conditions and Guidance for  
the Use of ift Test Documents"  
applies. The cover sheet can be  
used as an abstract.

### Content

The product passport contains  
a total of 17 pages

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