

# ift-Product Passport

Heat soaked thermally toughened soda lime silicate safety glass (TSG-H)  
as per EN 14179-2 : 2005-08


No. **603 ESG-H 6040271-1-1**  
14-003316-PR03 (PP-H04-11-en-01)


Valid until **January 2018**

Client **PRESS GLASS SA**  
**Nowa Wies, Kopalniana 9**  
**42-262 Poczesna**  
**Poland**














Production plants **PRESS GLASS SA** **PRESS GLASS SA**  
**ul. Cielmicka 44** **ul. Geodetów 4**  
**PL 43-100 Tychy** **PL 97-500 Radomsko**

Product family 1 **thermally toughened uncoated float glass**  
Product family 2 **thermally toughened enamelled float glass**  
Product family 3 **thermally toughened coated float glass**  
Product designation **ESG-H**

Mechanical resistance **EN 14179-1** 

Fragmentation **EN 14179-1** 

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

<b>Characteristics</b>	Resistance to fire	Reaction to fire	External fire behaviour	Bullet resistance	Explosion resistance	Burglar resistance	Pendulum body impact resistance
<b>Class / Value</b>	 npd	 A1	 npd	 npd	 npd	 npd	 npd
<b>Characteristics</b>	Thermal shock resistance	Resistance to wind, snow and permanent and imposed loads	Sound reduction index	Thermal properties	Light transmittance and reflectance	Solar energy characteristics	
<b>Class / Value</b>	 $\Delta T=200K$	 4-19 mm	 $R_w^*$	 $U_g^*$	 npd	 npd	

npd = no performance determined /  
) Value depends on product configuration

ift Rosenheim  
23.02.2015

Christian Kehrer, Dipl.-Ing. (FH)  
Head of  
Certification & Surveillance  
Body

Irina Hausstetter, Dipl.-Ing. (FH)  
Technische Chemie  
Head of Testing Department  
Material Testing

Alexander Meister, Dipl.-Ing.  
(FH)  
Operating Product Officer  
Certification & Surveillance  
Body



### Basis

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 - thermally toughened soda lime silicate safety glass (QM334)  
Product passport 603 8002966-1-2 dated 06.08.2012  
Product passport 14-003316-PR03 (PP-H04-11-de-01) dated 08.01.2015

### Instructions for use

The ift product passport demonstrates the general performance of the designated product families – determined on the basis of testing, calculation or assessment.

The values / classes indicated refer to the specific objects described in the individual evidence/certificates

Implementation of the performance characteristics is subject to the relevant national technical rules and regulations.

This product passport forms the basis for issuing the ift Certificate of Conformity which documents conformity of the end products and of factory production control by regular third party control of the manufacturer by the ift Rosenheim.

The product passport is valid for 3 years provided that the above-mentioned basis or the products do not change significantly during this time.

### 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 abstract.

### Contents

The product passport contains a total of 15 pages:

- 1 Overview, product family thermally toughened TSG 2
- 2 Classification matrix as per EN 12150-2 3
- 3 Product families and components 4
- 4 Performance characteristics as per product standard EN 12150-2 10
- 5 Special instructions for use 15