

NATIONAL DECLARATION OF PERFORMANCE

No. 1/2022

1. Name and trade name of the construction product:

Galeco PVC

Gutter systems: Galeco PVC 90/50, Galeco PVC 110/80, Galeco PVC 130/80, Galeco PVC 130/100, Galeco PVC 150/100

2. Type designation of the construction product:

SR PVC

3. Intended use(s):

Rainwater drainage

4. Name and address of the manufacturer's registered office and the place of manufacture of the product:

Manufacturer: Galeco Sp. z o.o., ul. Uśmiechu 1, 32-083 Balice

5. Name and address of the registered office of the authorised representative, if established: - **Not applicable**

6. National system used for assessment and verification of constancy of performance:

System 4

7. National technical specification:

7a. Polish Standard:

PN-EN 607:2005, "Roof gutters and fittings made of PVC-U. Definitions, requirements and testing".

PN-EN 12200-1:2016-05, "Plastics rainwater piping systems for above ground external use – Unplasticised poly(vinyl chloride) (PVC-U) -- Part 1: Specifications for pipes, fittings and the system"

Accredited certification body name, accreditation number and national certificate number or accredited laboratory name and accreditation number: - **Not applicable**

7b. National technical assessment: - **Not applicable**

Technical assessment body/National technical assessment body: - **Not applicable**

Accredited certification body name, accreditation number and certificate number: - **Not applicable**

8. Declared performance:

Appendix No. 1

9. The performance of the product specified above complies with all the declared performance characteristics listed in point 8.

This national declaration of performance is issued in accordance with the Act of April 16, 2004 on construction products, under the sole responsibility of the manufacturer.

Signed on behalf of the manufacturer:

Wojciech Piątkowski

Product Development and Quality Control Manager



Balice, 14.12.2022

(update KDWU No. 1 dated 12.07.2021)

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Appendix No. 1

Table 1 – Properties of gutters

Essential characteristics of the construction product for the intended use(s)	Declared performance	Comments
Tensile strength	$\geq 42 \text{ N/mm}^2$	
Elongation at break	$\geq 100\%$	
Impact tensile strength	$\geq 500 \text{ kJ/m}^2$	
Thermal shrinkage	$\leq 3\%$	
Vicat softening point	$\geq 75^\circ\text{C}$	
Artificial ageing (grey scale colour change)	The colour change does not exceed the 3rd degree of the grey scale	
Impact resistance at $(0+/-)^\circ\text{C}$	No cracks or scratches visible to the naked eye	

Table 2 – Properties of the drain pipes

Essential characteristics of the construction product for the intended use(s)	Declared performance	Comments
Vicat softening point	$\geq 75^\circ\text{C}$	
Tensile strength	$\geq 42 \text{ N/mm}^2$	
Impact tensile strength	$\geq 500 \text{ kJ/m}^2$	
Elongation at break	$\geq 100\%$	
Longitudinal contraction,	$\leq 3\%$ no cracking or blistering	
Artificial ageing (colour fastness)	The colour change does not exceed the 3rd degree of the grey scale	

Table 3 – Properties of gutter fittings

Essential characteristics of the construction product for the intended use(s)	Declared performance	Comments
Resistance to high temperature	No delamination, blistering or cracking	
Vicat softening point	$\geq 75^\circ\text{C}$	
Artificial ageing (colour fastness)	The colour change does not exceed the 3rd degree of the grey scale	

Table 4 – Properties of pipe fittings

Essential characteristics of the construction product for the intended use(s)	Declared performance	Comments
Change as a result of heating	No delamination, blistering or cracking	
Vicat softening point	$\geq 75^\circ\text{C}$	
Artificial ageing (colour fastness)	The colour change does not exceed the 3rd degree of the grey scale	

Table 5 – Properties of pipe brackets

Essential characteristics of the construction product for the intended use(s)	Declared performance	Comments
Strength of the brackets	Permanent deformation $\leq 3\text{ mm}$	