

**HARTIKA PARKAN FENCE SYSTEM
PRODUCT SPECIFICATION 03/2022**



1. NAME:

Name: HARTIKA PARKAN

Trade name: The composite fencing boards of the Hartika Parkan system have the following trade names: HOME, KLASS, PRO

2. APPLICATIONS:

The Hartika Parkan system is intended for outdoor use. It includes a complete set of elements for fencing the area / property, fencing spans, filling of fencing spans, partitions, elements of garden architecture, flower pots and pergolas, garden arbors, etc.

3. The name and address of the manufacturer's office and the place of production:

Manufacturer: Hartika Sp. z o.o.
 15-085 Białystok, ul. Branickiego 17A/106, Poland

Production place: Hartika Sp. z o.o.
 Biocomposites Production Plant
 19-230 Szczuczyn, ul. Przemysłowa 9, Poland

4. Specification:

Technical characteristics	Declared values	Norms
Dimension deviations mm: - length - width - total thickness	 -5 /+10 $\pm 1,0$ $\pm 1,0$	 PN-EN-15534-1 PN-EN-15534-4
Edge straightness, mm / m	$\leq 1,5$	PN-EN-15534-1 PN-EN-15534-4
Bending properties of the boards: a) destructive force, N for Parkan Klass b) destructive force, N for Parkan Pro c) destructive force, N for Parkan Home	average value ≥ 2000 average value ≥ 1500 average value ≥ 700	PN-EN-15534-1 PN-EN-15534-4
Water absorption after 28 days of immersion in water at temperature $(+20 \pm 2) ^\circ \text{C}$, %	average value ≤ 8	PN-EN-15534-1 PN-EN-15534-4
Coefficient of linear thermal expansion of boards in the temperature range from -20 to $+80 ^\circ \text{C}$, K^{-1}	$\leq 5 \cdot 10^{-5}$	PN-EN-1770
Resistance to accelerated aging after 300 h of irradiation, determined by the color difference: - smoke spruce colored boards - boards in natural mahogany color - boards in the color of an ice maple - Lindberg oak boards - boards in the color of noble walnut	$\Delta E^* \leq 5$ $\Delta E^* \leq 5$ $\Delta E^* \leq 9$ $\Delta E^* \leq 9$ $\Delta E^* \leq 9$	PN-ISO-7724-2 PN-ISO-7724-3 PN-EN-ISO-4892-2
Flammability, reaction to fire, basic class	B	PN-EN-13501-1

5. Product composition:

The material used for the production of the Hartika Parkan system is a wood composite (WPC) based on polyvinyl chloride (PVC).

The production uses: selected wood material (wood dust) and a matrix of polyvinyl chloride (PVC) in a 1: 1 ratio.

Additionally, the system uses color additives and UV filters to prevent color loss and improve the physical and chemical properties of the product.

Some elements of the system are additionally reinforced with steel profiles.

6. Storage and transport conditions:

The product should be secured during transport and storage in a way that prevents its unintentional movement.

The product should be stored and transported in a horizontal position.

Elements 2 meters long and longer (unless they are stored on a pallet provided by the manufacturer) should be supported at a distance of no more than one meter.

When moving the product manually, for safety reasons, elements 2 meters long and longer should be carried by two people.

The product should be stored in a dry and ventilated place where it will not be exposed to sunlight.

7. Additional information:

Information on the conditions of assembly, use and care of the products can be found in the assembly instructions and the instructions for use available at www.hartika.com

8. Contact with the manufacturer:

Phone:	+48 86 444 20 20
E-mail:	customerservice@hartika.com
Documents to download:	www.hartika.com/en/downloads/