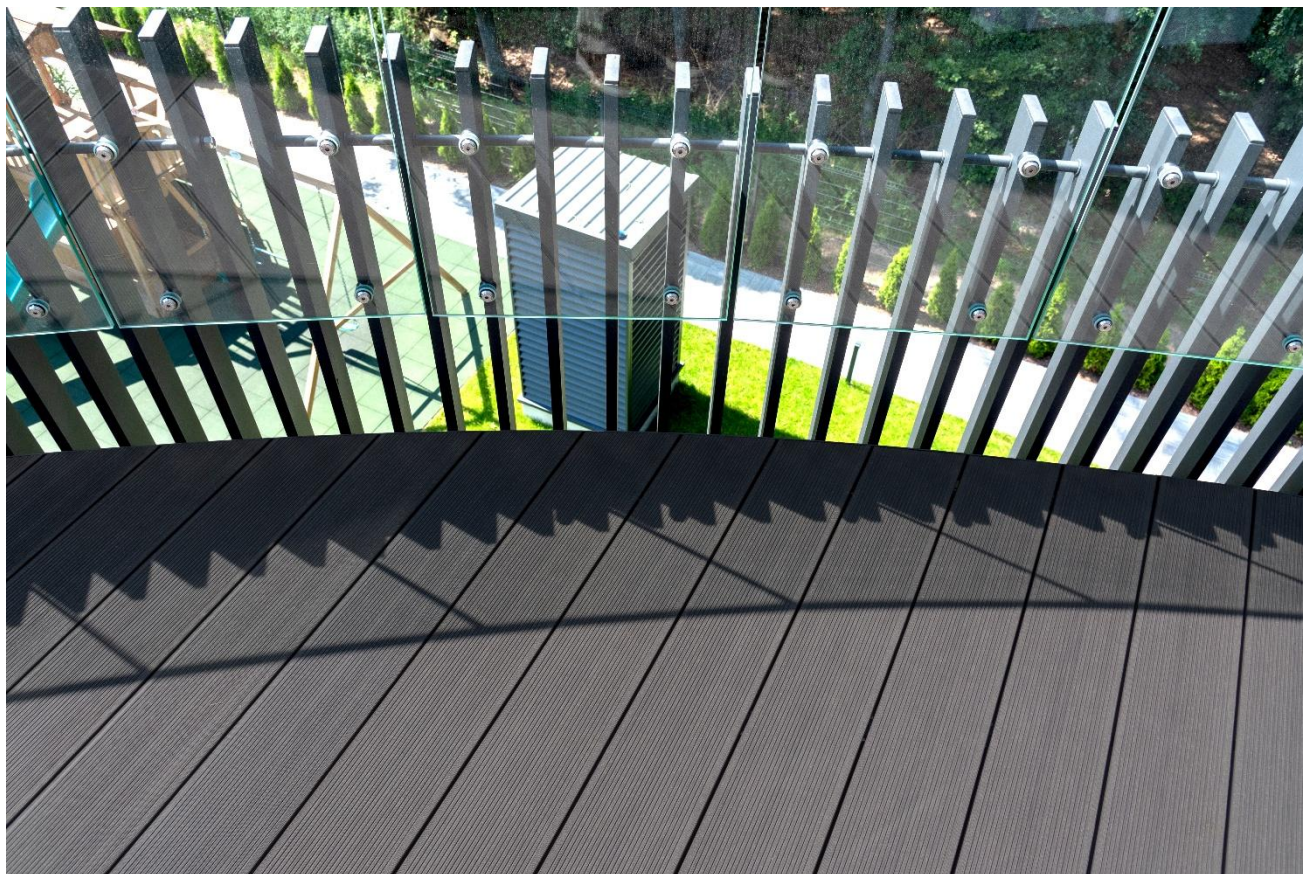


**HARTIKA TARASE DECKING SYSTEM
PRODUCT SPECIFICATION 01/2024**



Name: HARTIKA TARASE SYSTEM
Trade name: The composite decking boards have the following trade names:
HOME, KLASS, BASE.

2. APPLICATIONS:

The Hartika Tarase decking system is designed for outdoor use. It consists of a complete set of elements for outdoor floor coverings (terraces, verandas, balconies, pavements, outdoor swimming pool paving, etc.). The system includes in particular Decking boards, joists, mouldings, fixing elements such as staples and screws.

3. NAME AND ADDRESS OF THE MANUFACTURER'S REGISTERED OFFICE AND THE PLACE OF PRODUCTION:

Manufacturer: Hartika Sp. z o. o.
15-122 Białystok, ul. Wąska 79A, Poland

Production site: Hartika Sp. z o. o.
 Biocomposites production plant
 Ul. Przemysłowa 9 | PL 19-230 Szczuczyn | Poland
 Ph.: +48 86 444 20 20

4. SPECIFICATION:

Technical characteristics	Declared values
Dimensional deviations of decking boards and joists, mm: - Lengths - widths - total thickness - the thickness of the upper wall - bottom wall thickness	(-5 /+10) $\pm 1,0$ $\pm 1,0$ $\pm 1,0$ $\pm 1,0$
Edge straightness, mm/m	$\leq 1,0$
Transverse curvature, mm	$\leq 0,5$
Resistance of the boards to the impact of a hard body with an energy of 7 J at 23 C and -20 C.	no cracks with a length of ≥ 10 mm no dents with a depth of ≥ 0.5 mm
Bending properties of the boards: (a) breaking force, N (b) Deflection at a force of 500 N, mm (c) Bending strength (support distance 500 mm), MPa (d) Bending modulus, MPa	average value ≥ 3300 unit value ≥ 3000 average value $\leq 2,0$ unit value $\leq 2,5$ ≥ 30 ≥ 5000
Resistance of the boards to wetness, determined by the decrease in bending strength after wet cycles, %.	average value ≤ 20 unit value ≤ 30
Swelling after 28 days storage in water at (+20 2) °C, %: - in the longitudinal direction - in the width direction - in the thickening direction	average value $\leq 0,4$ unit value $\leq 0,6$ average value $\leq 0,8$ unit value $\leq 1,2$ average value ≤ 4 unit value ≤ 5
Water absorption after 28 days storage in water at (+20 2) °C, %.	average value ≤ 7 unit value ≤ 9
Linear coefficient of thermal expansion of the boards in the temperature range from -20 to 80 °C, K-1	$\leq 5 \cdot 10^{-5}$
Resistance to accelerated aging after 300 hours of exposure, determined by color difference: - Smoky spruce - Natural mahogany - Ice maple - Lindberg oak - Walnut	$\Delta E^* \leq 5$ $\Delta E^* \leq 5$ $\Delta E^* \leq 9$ $\Delta E^* \leq 9$ $\Delta E^* \leq 9$
Slip resistance of the floor, dry and wet surface, PTV	≥ 40
Holding capacity of fasteners (tensile force of fasteners), defined: - destructive force, N - Tensile strength, MPa	≥ 500 ≥ 40
Floor resistance under dynamic load, Nm	≥ 735

5. FLAMMABILITY, REACTION TO FIRE, BASIC CLASS:

Grade	Standard
<p style="text-align: center;">B_{FL} B_{ROOF}</p>	<p style="text-align: center;">PN-EN-13501-1</p>

6. COMPOSITION OF THE PRODUCT:

The material used to manufacture the Hartika Tarase system elements is a wood composite (WPC) based on polyvinyl chloride (PVC).

Selected wood material (wood dust) and a plastic matrix of polyvinyl chloride (PVC) in a ratio of 1:1 are used in the production process.

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

7. STORAGE AND TRANSPORTATION CONDITIONS:

The product should be secured during transportation and storage so that it cannot be moved unintentionally.

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

Elements with a length of 2 meters and more (unless they are stored on a pallet provided by the manufacturer) should be supported at a maximum distance of one meter.

When transporting the product by hand, elements with a length of 2 meters or more should be carried by two persons for safety reasons.

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

8. ADDITIONAL INFORMATION:

Information on the installation, use and maintenance conditions of the products can be found in the installation and maintenance instructions, which can be downloaded at www.hartika.com.

9. CONTACT WITH THE MANUFACTURER:

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