



Data Sheet No.: TL 5-505-2011/1

Issue No.: 2

Uncontrolled printing

Effective from: 03.11.2022

## Heterogeneous PVC floor covering IMPERIO

### DESCRIPTION

IMPERIO heterogeneous PVC floor covering in parts with a PUR protective layer is subject to assessment according to Regulation No. 305/2011 of the European Parliament and of the Council and to the requirements of the harmonised standard EN 14041.

### TECHNICAL CHARACTERISTICS

Parameter	Standard	Unit	Value	
Total thickness	EN ISO 24346	mm	1,5 (+0,13; -0,10)	2,2 (+0,13; -0,10)
Wear layer thickness	EN ISO 24340	mm	0,30 (+13 %; -10 %)	0,55 (+13 %; -10 %)
Classification/level of use	EN ISO 10582	class	23	23, 33, 42
Total area weight*	EN ISO 23997	g/m <sup>2</sup>	2370	3370
Dimensional stability	EN ISO 23999	%	≤ 0,25	
Curling after exposure to heat	EN ISO 23999	mm	≤ 2,0	
Flexibility	EN ISO 24344 method A	-	compliant	
Residual indentation	EN ISO 24343-1	mm	≤ 0,1	
Castor chair resistance	ISO 4918	-	compliant	
Color fastness to artificial light	EN 105-B02 method 3	degree	min. 6	
Reaction to fire	EN 13501-1	class	B <sub>n</sub> -s1	
Formaldehyde emission	EN 717-1	class	E1	
Slip resistance	EN 13893	class	DS	
Thermal conductivity*	EN ISO 10456	W/m.K	0,17	
Stain resistance and chemical resistance	EN ISO 26987	-	compliant	
Anti-Slip	DIN 51130	group	R10	

\*indicative value

**DIMENSIONS**

Parameter	Standard	Unit	Value		
Total thickness	EN ISO 24346	mm	2,2		1,5
Tile size	EN ISO 24342	mm	900 x 150 ± (0,5 x 0,2)	1200 x 180 ± (0,5 x 0,2)	900 x 150 ± (0,5 x 0,2)
Squareness	EN ISO 24342	%	≤ 0,35 x ≤ 0,25		

**ENVIRONMENT, SAFETY**

Parameter	Standard	Unit	Value
Impact on the environment	ISO 14025	-	Environmental statement on the product (EPD)
Bacterial resistance	EN ISO 846 method C	-	compliant
VOC	ISO 16000-9	µg/m <sup>3</sup>	≤ 10 (after 28 days)

**PACKAGING**

Dimension [mm]	Quantity in carton		Quantity per pallet	
	[pcs]	[m <sup>2</sup> ]	[cartons]	[m <sup>2</sup> ]
900 x 150 x 1,5	32	4,32	75	324
900 x 150 x 2,2	30	4,05	60	243
1200 x 180 x 2,2	19	4,10	36	147,6

**FLOOR COVERING INSTALLATION**

- The detailed procedure for the application of heterogeneous PVC floor covering is given in the IMPERIO, THERMOFIX and SILVERO-fix PN 5411/2003 laying code, available on the manufacturer's website [www.fatrafloor.cz](http://www.fatrafloor.cz).
- The flooring is laid by full-surface bonding with dispersion adhesives with high initial adhesive strength. It is bonded to a dry, firm, flat and dust-free concrete substrate.
- It is not recommended to combine different production batches.

**INSTRUCTIONS, TREATMENT, MAINTENANCE**

- The flooring covering must be stored at a temperature of +5 °C to +35 °C in a dry and dust-free indoor area, min. 1 m from heat sources, protected from the effects of direct sunlight and artificial lighting with a high UV component.
- The floor coverings are designed for interior use. Operating conditions of the floor covering: air temperature + 10 °C to + 35 °C, relative humidity (50 ± 10) %.
- Avoid moving objects on the installed floor covering that have sharp edges made of materials with a higher hardness than the floor covering surface.
- Rubber products in contact with the floor covering cause an irremovable colour change in the floor covering, which is manifested by yellowing, browning or even blackening of the floor covering surface at the point of contact with the rubber product.
- Provide furniture legs with suitable protective devices, e.g. soft plastic glides, fabric pads; use "W" type castors for wheeled chairs.
- If the surface of the PUR protective layer is scratched by moving furniture whose contact surfaces with the floor are not protected with suitable protective means, no claim can be made for this scratch.
- Information on the maintenance, treatment and cleaning of the floor covering is given in the IMPERIO, THERMOFIX and SILVERO-fix PN 5411/2003 laying code, available on the manufacturer's website [www.fatrafloor.cz](http://www.fatrafloor.cz).

## **WARRANTIES**

The terms and conditions for the extended 10-year warranty are listed on the website [www.fatra.cz](http://www.fatra.cz).