

PANEL W40





Panel for access floors made of WOOD chipboard core with edges protected with black ABS and different finish materials applied on top and lower sides. **The factory QUATTRO PAVIMENTE TEHNICE is the first production unit in Romania and South-East EUROPE for access floors.** QUATTRO offers access floor solutions on various types of buildings: offices, command and control, IT, technical rooms, laboratories and research facilities. On-demand we can supply the documentation required for achieving **LEED and BREEAM certification.**

Technical specifications

Panel dimensions	600 x 600 x 38 mm
Thickness	38 mm (+ top and lower finish thickness)
Panel core	~ 720 kg/m ³ (±5%), high density wood chipboard
Panel weight	~10 kg/pcs (~ 28 kg/m ²);
Suitability of covering	Loose lay: Carpet tile, PVC, Linoleum, Rubber
	Glued lay: HPL Ceramics, Natural/Recomposed stone
Panel options lower finish:	Aluminium foil 0.05mm
Electrostatic conductivity for bare panel (permanently conductive) - EN 1081	≥ 1 x 10 ⁶ Ω
Dimensional tolerance - EN 12825	Class I
Fire combustion class SR EN 13501-1	Bfl - s1 d0
Fire resistance SR EN 13501-2	REI 30
Life expectancy	25 years

Weight Loading Performance

Standard - EN 12825	System	Performances	Results			
			kN	kg	class	
	Panel W40 Wood Chipboard with Pedestals S type	Breaking point	Center of panel	11.5	1172	5
			Midle of panel edge	7.3	745	2
			Diagonal 70 mm	6.4	652	2
		Working point		1500 kg / sqm		
		Fire reaction		Bfl s1 d0		
				REI 30		
		Deflection		Class A <2,5 mm		
	Panel W40 Wood Chipboard Pedestals S type and Stringers TSB	Breaking point	Center of panel	13.5	1376	6
			Midle of panel edge	11.8	969	4
			Diagonal 70 mm	10.8	867	4
		Working point		1650 kg / sqm		
		Fire reaction		Bfl s1 d0		
				REI 30		
		Deflection		Class A <2,5 mm		

**Distributed load according to NF P67 101 > 12-13kN/sqm

Panel Electrical Performance

Electrostatic comportament Standard	EN 1815	(according to top finish)	< 2kV
Electrostatic conductivity*	EN 1081	OHM	≥ 10 ⁸

* Panel electric properties may vary depending on upper/lower finishing and panel construction as follows

Panel Fire Behaviour

Building material class	SR EN 13501-1	Class	Bf S1 d0
Fire Resistance	SR EN 13501-2	REI	30 min

Panel Soundproofing (EN ISO 140)

Sound attenuation	dB	to be tested
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* Panel soundproofing properties increase depending on upper/lower finishing

Panel Thermal Isulation

W/mK = 0,13*

Panel thermal insulation properties increase depending on upper/lower finishing

Evaluation of Eurofins Emmision tests

Panel Type	EN312	Tip P2	Particle board E1
Formaldehida emission	SR EN120	Class E1	<8mg/100g
Formaldehida emmision	EN717-2	aprooved	under limit

Presentation and packing

Palett	1200 x 600 x 1400 mm
Quantity per palett	24.48 sqm
Panels per palett	68 panels
Weight per palett	690kg (Brutto)

*Above values may vary depending on applied upper finishing.

NOTICE:

Some performances of the panel may be improved by different finishing applied on panel topside. Please ask for finishing Technical Datasheet

Production Manager
ing. Dan BERECHET

Director Fabrica
Ec. Adrian MIHAILOVICI

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