



# IZOPANEL

*The system of proven solutions*

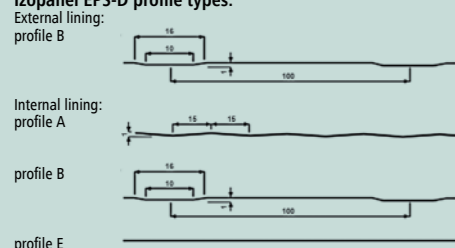


**Styrofoam core boards characteristic:**

- core produced from foam plastic sheets with the code (EPS-EN13163-L1-W1-S1-P4-BS125-CS(10)80-DS.(70)2-TR100) under regulations PN-EN13163:2004
- modular width – 1200 mm
- total width – 1215 mm
- length, as required by the Client with accuracy down to 10mm (lowest value – 1000mm, highest value – 14000mm)
- cladding material - S280 ÷ 320GD + Z275g/m
- thickness of cladding - 0,5 ÷ 0,55mm



**Izopanel EPS-D profile types:**



**IZOPANEL EPS – D (roof)**

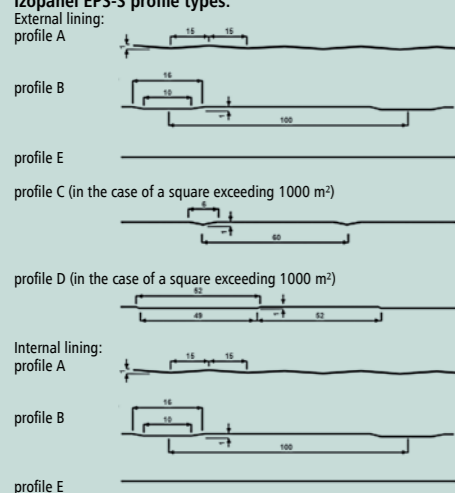
Thickness width (mm)	The thermal conductivity factor value (Uc) W/(m²K)	Lowest acoustic insulation (dB)			Weight of IZOPANEL panels (kg/m²)	Fire classification – class B (NRO)
		R <sub>w</sub>	R <sub>A1</sub>	R <sub>A2</sub>		
60	0,63	24	22	19	9,6	-
75	0,51	24	22	19	9,9	-
100	0,39	24	22	19	10,3	E30*
125	0,32	24	22	19	10,7	E30*
150	0,26	24	22	19	11,1	E30*
200	0,19	24	22	19	11,9	E30*
250	0,16	24	22	19	12,7	E30*

\*defined based on regulations PN-B-02851-2:1997, under the uniformly distributed load of 0.32 kN/m2 with distance not exceeding 2.5 m provided that a carrying structure is used with the stability not less than R 30.

**Note:**

The values of heat penetration factors (Uc) are calculated in relation to partition sectors with the calculated thermal conductivity value at 10°C of 0.040 W/(m²K). The calculation accounts for the linear thermal bridges in panel connection points and thermal bridges on fastening points of panels with bolts.

**Izopanel EPS-S profile types:**



**IZOPANEL EPS – S (wall)**

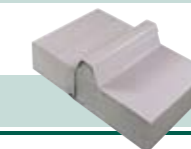
Thickness width (mm)	The thermal conductivity factor value (Uc) W/(m²K)	Lowest acoustic insulation (dB)			Weight of IZOPANEL panels (kg/m²)	Fire classification – class B (NRO)
		R <sub>w</sub>	R <sub>A1</sub>	R <sub>A2</sub>		
50	0,73	24	22	19	9,5	-
60	0,61	24	22	19	9,6	-
75	0,50	24	22	19	9,9	-
100	0,39	24	22	19	10,3	E60*
125	0,30	24	22	19	10,7	E60*
150	0,26	24	22	19	11,1	E60*
200	0,19	24	22	19	11,9	E60*
250	0,16	24	22	19	12,7	E60*

\*defined in the regulations PN-B-02851-1:1997 for the E 60 fire safety class and PN-EN 13501-2:2007 for the E60/EW 60 fire safety class – in the event of carrying wall boards of S type with a distance not exceeding 3.0 m provided that the carrying structure is used with the stability not less than R 60.



**IZOPANEL PUR – D (roof)**

Thickness width (mm)	The thermal conductivity factor value (Uc) W/(m²K)	Lowest acoustic insulation parameters (dB)			Weight of IZOPANEL PUR-D panels (kg/m²)	Fire classification – class B (NRO)
		R <sub>w</sub>	R <sub>A1</sub>	R <sub>A2</sub>		
60	0,36	26	23	21	11,37	B-s3,d0
80	0,28	26	23	21	12,13	B-s3,d0
100	0,23	26	23	21	12,89	B-s3,d0
120	0,19	26	23	21	12,92	B-s3,d0



**IZOPANEL PUR - S (wall) – with visible connections**

Thickness width (mm)	The thermal conductivity factor value (Uc) W/(m²K)	Lowest acoustic insulation parameters (dB)			Weight of IZOPANEL panels (kg/m²)	Fire classification – class B (NRO)
		R <sub>w</sub>	R <sub>A1</sub>	R <sub>A2</sub>		
40	0,53	24	22	19	10,26	B-s2, d0
60	0,38	24	22	19	10,64	B-s2, d0
80	0,28	24	22	19	11,40	B-s2, d0
100	0,23	24	22	19	12,16	B-s2, d0
120	0,19	24	22	19	12,92	B-s2, d0



**IZOPANEL PUR GOLD – S (wall) – with hidden connections**

Thickness width (mm)	The thermal conductivity factor value (Uc) W/(m²K)	Lowest acoustic insulation parameters (dB)			Weight of IZOPANEL panels (kg/m²)	Fire classification – class B (NRO)
		R <sub>w</sub>	R <sub>A1</sub>	R <sub>A2</sub>		
60	0,38	24	22	19	11,56	B-s2, d0
80	0,29	24	22	19	12,32	B-s2, d0
100	0,23	24	22	19	14,30	B-s2, d0
120	0,19	24	22	19	16,30	B-s2, d0



**Polyurethane core boards characteristic:**

- the core produced from rigid polyurethane film with high insulation characteristics consisting of a mix of polyols /PUR/ and polyisocyanates /PIR/ with foaming characteristics. The synthetic polyurethane foam has the following features:
  - thermal conductivity factor at 10°C m = 0.023 W/(m²K)
  - rated density 40kg/m³ ± 10%
  - lining sticking rate: 0,10 N/mm²
  - compression ratio at 10% deformation: 0,11 N/mm²
- modular width – 1080 mm
- length, as required by the Client with accuracy down to 10mm (lowest value – 3000mm, highest value – 16 000mm)
- cladding material - S280 ÷ 320GD + Z275g/m
- thickness of cladding - 0,5 ÷ 0,55mm

**Note:**

The values of heat penetration factors (Uc) are calculated in relation to partition sectors with the calculated thermal conductivity value at 10°C of 0.023 W/(m²K). The calculation accounts for the linear thermal bridges in panel connection points and thermal bridges on fastening points of panels with bolts.

**Profile types:**

type „M” - mikrofala










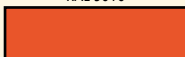
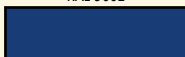
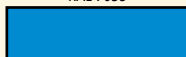
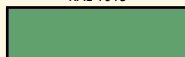
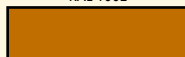
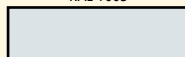
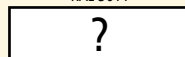
type „L” - liniowe



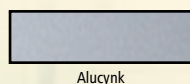
type „R” - rowkowe



## Poliester - 25µm - Basic colors

 Biały RAL 9010	 Szara biel RAL 9002	 Jasnoszary RAL 7035	 Kość słoniowa RAL 1015	 Piaskowy RAL 1002	 Żółty RAL 1003	 Wiśniowy RAL 3011
 Koral RAL 3016	 Sygnatowo - niebieski RAL 5010	 Jasno - niebieski RAL 5012	 Jasno - zielony RAL 6011	 Miedziano - brązowy RAL 8004	 Srebrny RAL 9006	 ? Inny kolor (na zamówienie)

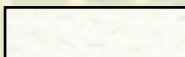
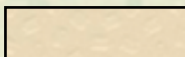

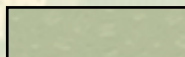
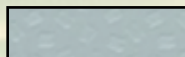
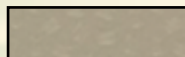
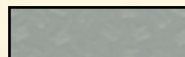
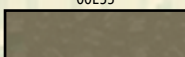
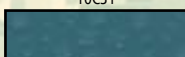
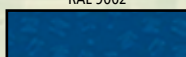
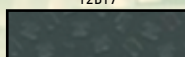
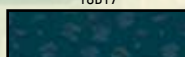
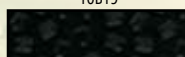
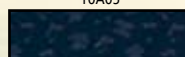
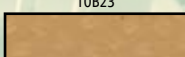
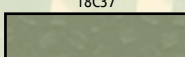
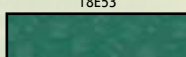
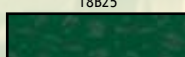
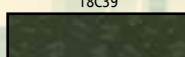
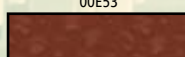
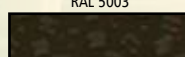
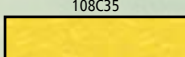
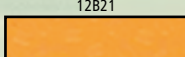
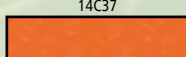
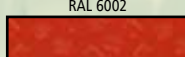
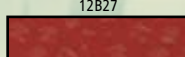
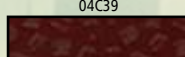
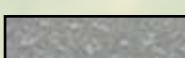

### ALUCYNK



## Colorcoat PRISMA® - Colors on demand

 Silver Metallic RAL 9006	 Grey Aluminium RAL 9007	 Anthracite RAL 7016	 Slate Grey RAL 7012	 Alaska Grey RAL 7000	 Oyster RAL 7035	 White RAL 9010
 Pegasus	 Mercury	 Ariadne	 Kronos	 Zeus	 Atlantis	 Aquarius
 Aurora	 Helios					

## Colorcoat HPS200® - Colors on demand

 White 00E55	 Honesty 10C31	 Hamlet RAL 9002	 Meadowland 12B17	 Albatross 18B17	 Mushroom 10B19	 Goosewing Grey 10A05
 Svelte Grey 10B23	 Wedgewood Blue 18C37	 Solent Blue 18E53	 Merlin Grey 18B25	 Ocean Blue 18C39	 Black 00E53	 Sargasso RAL 5003
 Bamboo 10B35	 Moorland Green 12B21	 Jade 14C37	 Heritage Green RAL 6002	 Olive Green 12B27	 Terracotta 04C39	 Vandke Brown 08B29
 Aztec Yellow 10E55	 Saffron 08E53	 Tangerine Orange 06E53	 Poppy Red 04E53	 Petra 04D44	 Burano RAL 3004	
<b>METALLIC SHADES</b>						
 Sirius	 Orion					

Your authorized representative:

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tel./fax +48 42 684 26 28



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