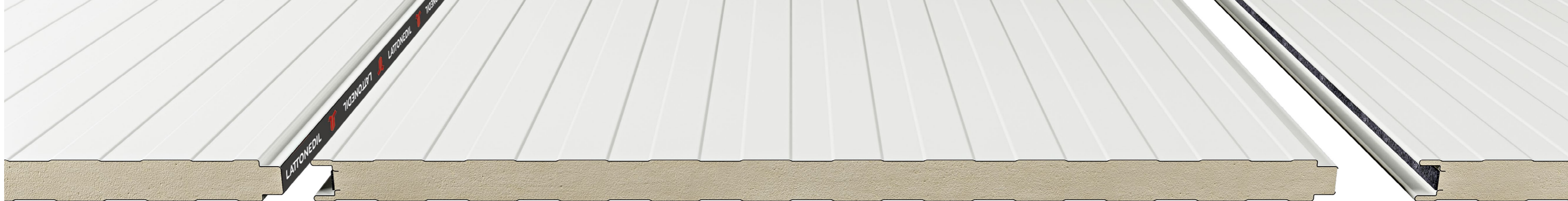


Na zahtjev  
On request  
Vanjska strana  
External side  
**30**  
GODINA  
GARANCIJE  
YEARS  
WARRANTY



PUR PIR

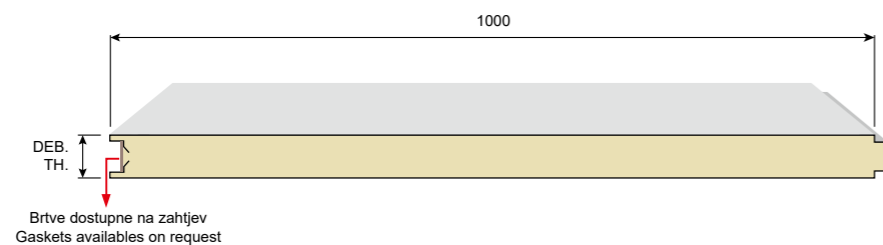
## Isopar®

Izolacioni zidni panel sa ispunom od poliuretana  
Polyurethane wall insulation panel

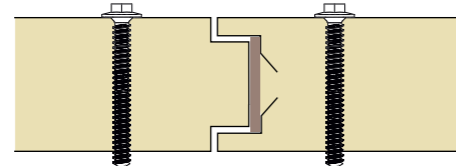


Tokom izgradnje važna je ušteda energije. Pažnja sektora je okrenuta građevinskim proizvodima koji već uključuju visoku izolaciju. ISOPAR® je ravni samonoseći panel, pogodan za izgradnju montažnih zidova, montažnih baraka, rashladnih komora, izložbenog prostora, kliznih kapija i stropova, a idealan je i za projekte koji zahtijevaju lagan, čvrst, izolacioni proizvod. ISOPAR® svojim «rešetkastim», «prugastim», «glatkim» i «dijamantnim» profilima doprinosi dizajnu nove arhitekture dajući joj jasan, jednostavan i pravilan izgled. Dostupan već od najmanjih debljina panela: 30-40-50-60-80-100-120-150-180-200-220-240 mm.

In the building industry, energy savings are an increasingly important issue. Therefore, the industry is focussing on building materials that include highly-insulating components. ISOPAR® is a self-supporting flat panel specially designed for mobile walls, prefabricated boxes, cooling chambers, exhibition stands, sliding doors, false ceilings and is an ideal component for those projects that require light, strong, insulating products. In the "staved", "scored", "smooth" and "diamond" versions, ISOPAR® improves the design of any new architecture: sleek, simple and even. Available for the thinnest thicknesses: 30-40-50-60-80-100-120-150-180-200-220-240 mm.



VANJSKA STRANA  
EXTERNAL SIDE



UNUTRAŠNJA STRANA  
INTERNAL SIDE

## Isopar® HP

Izolacioni zidni panel sa ispunom od poliizocijanurata  
Polyisocyanurate wall insulation panel



## Isopar®.L

Izolacioni zidni panel sa ispunom od poliizocijanurata, sa vanjskim limom 0,6 mm  
Polyisocyanurate wall insulation panel with 0.6 mm outer steel layer



U	30	40	50	60	80	100	120	150	180	200	220	240
Toplotna provodljivost Transmittance												
W/sq.m. K	0.71	0.55	0.44	0.37	0.28	0.22	0.19	0.15	0.12	0.11	0.10	0.09
Kcal/sq.m. h °C	0.61	0.47	0.38	0.32	0.24	0.19	0.16	0.13	0.11	0.10	0.09	0.08

Mikroliniranje sa DONJE strane (navodi se prilikom naručivanja)  
Micro-veining of the LOWER side of the panel (to be specified when ordering)



Rešetkasti / Staved



Prugasti / Scored



Dijamantski / Diamond



Glatki / Smooth



Dijamantski PLUS / Diamond PLUS



# Isopar® / Isopar® HP / Isopar® Élite / Isopar® Élite HP / Isopar® Élite 500 / Isopar® Élite 500 HP Isopar® Diamantato plus / Isopar® Diamantato plus HP

## Statička svojstva / Static properties

Statička svojstva (kg/m<sup>2</sup>)  
Static properties (kg/sq.m.)



**SPOLJAŠNJI lim**  
Čelik 0,4mm  
**UNUTRAŠNJI lim**  
Čelik 0,4mm

**EXTERNAL facing**  
Steel 0.4 mm  
**INTERNAL facing**  
Steel 0.4 mm

Debljina panela Panel thickness (mm)	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	TEŽINA WEIGHT (Kg/m <sup>2</sup> )
30	190	110	85	65							<b>6.86</b>
40	236	145	115	90	65	50					<b>7.22</b>
50	297	185	150	115	85	65	50				<b>7.61</b>
60	357	225	180	140	105	80	60	50			<b>8.00</b>
80	460	305	245	190	140	105	85	65			<b>8.78</b>
100	515	385	305	240	175	135	105	85			<b>9.56</b>
120	620	465	370	290	215	165	130	105			<b>10.34</b>
150	775	580	465	365	270	205	160	130			<b>11.51</b>
180	935	700	560	440	325	245	195	155			<b>12.68</b>
200	1000	780	625	490	360	275	215	175			<b>13.46</b>
220	1000	860	685	540	395	305	240	195			<b>14.22</b>
240	1000	940	750	590	435	330	260	210			<b>14.98</b>

Širina efektivnog raspona: 120mm  
Effective span width: 120 mm

Proračun statičkih dimenzija izveden u skladu sa Aneksom E UNI EN 14509 standard. Normalna granica otklona: 1/200  $l$   
Static sizing calculation performed in accordance with Annex E of the UNI EN 14509 standard. Normal deflection limit: 1/200  $l$

Statička svojstva (kg/m<sup>2</sup>)  
Static properties (kg/sq.m.)



**SPOLJAŠNJI lim**  
Aluminijum 0,6 mm  
**UNUTRAŠNJI lim**  
Čelik 0,4mm

**EXTERNAL facing**  
Aluminium 0.6 mm  
**INTERNAL facing**  
Steel 0.4 mm

Debljina panela Panel thickness (mm)	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	TEŽINA WEIGHT (Kg/m <sup>2</sup> )
30	160	120	100	75							<b>5.71</b>
40	210	160	130	95	75						<b>6.07</b>
50	265	200	165	115	90	70	50				<b>6.46</b>
60	315	240	195	140	105	85	70	50			<b>6.85</b>
80	420	320	260	185	140	110	90	75			<b>7.63</b>
100	530	400	320	225	170	135	110	90			<b>8.41</b>
120	635	480	385	270	205	160	115	105			<b>9.19</b>
150	790	595	480	335	250	195	155	130			<b>10.36</b>
180	950	715	575	405	300	230	185	155			<b>11.53</b>
200	1000	780	625	430	315	245	200	170			<b>12.31</b>
220	1000	860	690	455	345	280	220	195			<b>13.10</b>
240	1000	940	755	480	375	315	240	220			<b>13.87</b>

Širina efektivnog raspona: 120mm  
Effective span width: 120 mm

Proračun statičkih dimenzija izveden u skladu sa Aneksom E UNI EN 14509 standard. Normalna granica otklona: 1/200  $l$   
Static sizing calculation performed in accordance with Annex E of the UNI EN 14509 standard. Normal deflection limit: 1/200  $l$

**SPOLJAŠNJI lim**  
Čelik 0,4mm  
**UNUTRAŠNJI lim**  
Čelik 0,4mm

**EXTERNAL facing**  
Steel 0.4 mm  
**INTERNAL facing**  
Steel 0.4 mm



Debljina panela Panel thickness (mm)	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	TEŽINA WEIGHT (Kg/m <sup>2</sup> )
30	151	90	70	60	50						<b>6.86</b>
40	195	125	95	80	65	50					<b>7.22</b>
50	245	160	130	100	80	65	50				<b>7.61</b>
60	295	195	155	125	95	75	65	50			<b>8.00</b>
80	395	270	210	165	120	95	75	65	50		<b>8.78</b>
100	495	340	265	195	145	115	95	75	65	55	<b>9.56</b>
120	600	415	310	225	170	135	110	90	75	65	<b>10.34</b>
150	735	515	365	270	205	160	130	110	90	80	<b>11.51</b>
180	770	560	415	310	240	190	155	125	105	90	<b>12.68</b>
200	1000	590	450	335	260	205	170	140	115	100	<b>13.46</b>
220	1000	620	485	365	280	225	180	150	130	110	<b>14.22</b>
240	1000	650	510	390	305	240	195	165	140	120	<b>14.98</b>

Širina efektivnog raspona: 120mm  
Effective span width: 120 mm

Proračun statičkih dimenzija izveden u skladu sa Aneksom E UNI EN 14509 standard. Normalna granica otklona: 1/200  $l$   
Static sizing calculation performed in accordance with Annex E of the UNI EN 14509 standard. Normal deflection limit: 1/200  $l$

**SPOLJAŠNJI lim**  
Aluminijum 0,6 mm  
**UNUTRAŠNJI lim**  
Čelik 0,4mm

**EXTERNAL facing**  
Aluminium 0.6 mm  
**INTERNAL facing**  
Steel 0.4 mm



Debljina panela Panel thickness (mm)	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	TEŽINA WEIGHT (Kg/m <sup>2</sup> )
30	135	105	75	60	50						<b>5.71</b>
40	185	135	95	70	65	50					<b>6.07</b>
50	230	165	110	80	65	65	50				<b>6.46</b>
60	280	190	125	95	75	75	65	50			<b>6.85</b>
80	380	235	160	115	90	70	75	65	50		<b>7.63</b>
100	465	280	185	135	105	85	70	75	65	55	<b>8.41</b>
120	530	320	215	155	120	95	80	70	75	65	<b>9.19</b>
150	620	380	255	185	140	115	95	80	70	68	<b>10.36</b>
180	705	440	300	215	165	130	110	90	80	70	<b>11.53</b>
200	745	480	325	235	180	145	115	110	85	75	<b>12.31</b>
220	785	520	365	245	200	155	125	115	90	80	<b>13.10</b>
240	825	560	405	275	220	165	135	120	95	85	<b>13.87</b>

Širina efektivnog raspona: 120mm  
Effective span width: 120 mm

Proračun statičkih dimenzija izveden u skladu sa Aneksom E UNI EN 14509 standard. Normalna granica otklona: 1/200  $l$   
Static sizing calculation performed in accordance with Annex E of the UNI EN 14509 standard. Normal deflection limit: 1/200  $l$

**SPOLJAŠNJI lim**  
Čelik 0,4mm  
**UNUTRAŠNJI lim**  
Čelik 0,4mm

**EXTERNAL facing**  
Steel 0.4 mm  
**INTERNAL facing**  
Steel 0.4 mm



Debljina panela Panel thickness (mm)	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	TEŽINA WEIGHT (Kg/m <sup>2</sup> )
30	151	90	70	60	50						<b>6.86</b>
40	195	125	100	80	70	60	50				<b>7.22</b>
50	245	160	125	105	90	75	60	50			<b>7.61</b>
60	295	195	155	125	110	85	70	55	50		<b>8.00</b>
80	395	265	210	170	135	105	85	70	60	50	<b>8.78</b>
100	495	335	265	205	160	125	105	85	75	65	<b>9.56</b>
120	600	410	310	235	180	145	120	100	85	75	<b>10.34</b>
150	735	505	360	275	215	170	140	120	100	90	<b>11.51</b>
180	770	570	410	310	245	200	165	140	120	100	<b>12.68</b>
200	1000	605	445	335	265	215	180	150	130	110	<b>13.46</b>
220	1000	635	475	360	285	230	190	160	140	120	<b>14.22</b>
240	1000	665	505	385	305	250	205	175	150	130	<b>14.98</b>

Širina efektivnog raspona: 120mm  
Effective span width: 120 mm

Proračun statičkih dimenzija izveden u skladu sa Aneksom E UNI EN 14509 standard. Normalna granica otklona: 1/200  $l$   
Static sizing calculation performed in accordance with Annex E of the UNI EN 14509 standard. Normal deflection limit: 1/200  $l$

**SPOLJAŠNJI lim**  
Aluminijum 0,6 mm  
**UNUTRAŠNJI lim**  
Čelik 0,4mm

**EXTERNAL facing**  
Aluminium 0.6 mm  
**INTERNAL facing**  
Steel 0.4 mm



Debljina panela Panel thickness (mm)	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	TEŽINA WEIGHT (Kg/m <sup>2</sup> )
30	135	105	75	60	50						<b>5.71</b>
40	185	135	95	70	65	50					<b>6.07</b>
50	230	165	110	80	65	65	50				<b>6.46</b>
60	280	190	125	95	75	75	65	50			<b>6.85</b>
80	380	235	160	115	90	70	75	65	50		<b>7.63</b>
100	465	280	185	135	105	85	70	75	65	55	<b>8.41</b>
120	530	320	215	155	120	95	80	70	75	65	<b>9.19</b>
150	620	380	255	185	140	115	95	80	70	68	<b>10.36</b>
180	705	440	300	215	165	130	110	90	80	70	<b>11.53</b>
200	745	480	325	235	180	145	115	110	85	75	<b>12.31</b>
220	785	520	365	245	200	155	125	115	90	80	<b>13.10</b>
240	825	560	405	275	220	165	135	120	95	85	<b>13.87</b>

Širina efektivnog raspona: 120mm  
Effective span width: 120 mm

Proračun statičkih dimenzija izveden u skladu sa Aneksom E UNI EN 14509 standard. Normalna granica otklona: 1/200  $l$   
Static sizing calculation performed in accordance with Annex E of the UNI EN 14509 standard. Normal deflection limit: 1/200  $l$