

# **LT**BETON

## Tablice nośności

LT Beton

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## OBLICZENIA STATYCZNO-WYTRZYMAŁOŚCIOWE

### Informacje ogólne

Poniżej zestawione zostały podstawowe wyniki obliczeń dla płyt PKS – w tym:

$P_0$  – siła naciągu wszystkich cięgien [kN];

$P_{m,t}$  – średnia siła sprężająca po uwzględnieniu strat sprężania [kN];

$M_{Rd}$  – nośność obliczeniowa przekroju na zginanie [kNm];

$M_{cr,r}$  – moment zginający powodujące powstanie rys o szerokości 0,2 mm [kNm];

$M_{cr,d}$  – moment zginający powodujący dekompresję [kNm];

$V_{Rdc}$  – nośność obliczeniowa przekroju na ścinanie [kN];

$l_{bpd}$  – obliczeniowa długość zakotwienia

Ponadto zestawione zostały wyniki obliczeń statyczno-wytrzymałościowych w postaci maksymalnych dopuszczalnych obciążeń równomiernie rozłożonych dla każdego wariantu płyt PKS.

Dobierając odpowiednie płyty stropowe należy zwrócić szczególną uwagę na warunki pracy stropu. W przypadku klas ekspozycji XC2, XC3 oraz XC4 należy zawsze uwzględnić warunek dekompresji, co wiąże się z wyraźnym ograniczeniem dopuszczalnych obciążeń równomiernie rozłożonych.

Dobór płyt o niepełnej szerokości przekroju zaleca się zawsze konsultować z projektantem, a w szczególnych przypadkach wybór powinien być potwierdzony obliczeniami statyczno-wytrzymałościowymi.

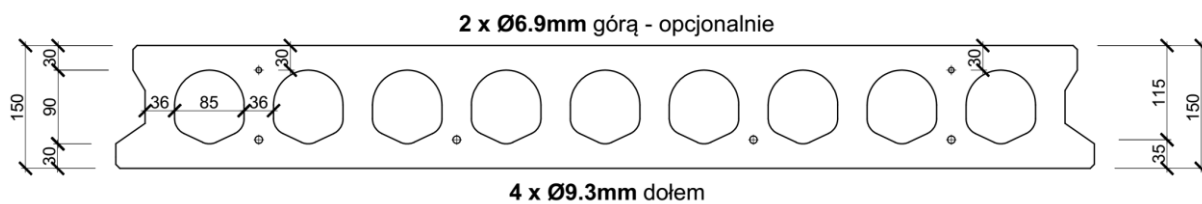
Wartości obciążeń dopuszczalnych można uzyskać poprzez liniową interpolację. Nie należy natomiast ekstrapolować wyników poza zakres rozpiętości podany w tabelach zestawieniowych obciążeń dopuszczalnych.

## Wyniki obliczeń statyczno-wytrzymałościowych

Płyta		$P_0$ [kN]	$P_{m,t}$ [kN]	$M_{Ra}$ [kNm]	$M_{er,r}$ [kNm]	$M_{er,d}$ [kNm]	$V_{Rdc}$ [kN]	$l_{bpd}$ [m]
PKS 150	N1	260	208.1	33.59	30.04	14.48	69.6	0.6
	N2	390	312.16	49.7	37.5	21.85	70.59	0.6
	N3	520	416.21	65.06	45.05	29.31	71.55	0.6
	N4	460	368.19	54.29	41.54	25.85	69.56	0.81
	N5	690	552.28	79.19	55.03	39.18	70.52	0.81
	N6	920	736.37	102.61	68.78	52.77	71.44	0.81
PKS 190	N1	260	208.1	45.69	43.14	20.28	91.07	0.6
	N2	390	312.16	67.86	53.63	30.62	93.02	0.6
	N3	520	416.21	89.27	64.25	41.10	94.91	0.6
	N4	460	368.19	74.21	59.35	36.26	91.2	0.81
	N5	690	552.28	109.08	78.38	55.02	93.19	0.81
	N6	920	736.37	147.43	101.92	78.15	95.77	0.81
PKS 250	N1	390	312.16	95.1	81.38	43.44	126.14	0.6
	N2	520	416.21	125.59	96.47	58.29	129.59	0.6
	N3	650	520.26	155.48	111.75	73.33	132.94	0.6
	N4	690	552.28	153.91	116.53	78.02	127	0.81
	N5	920	736.37	202.23	144.15	105.2	130.67	0.81
	N6	1150	920.46	249.05	172.36	132.98	134.21	0.81

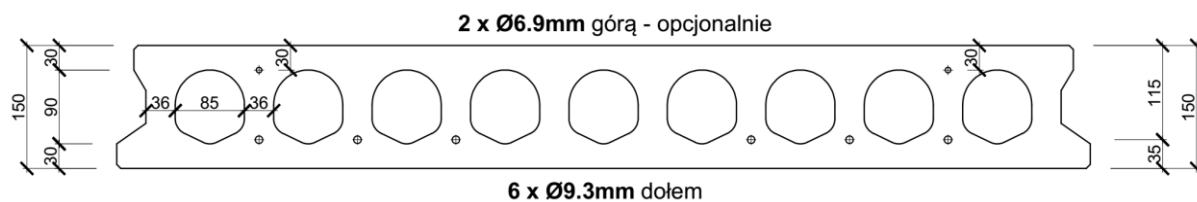
## Tablice nośności

### PŁYTA PKS 150 N1 R60



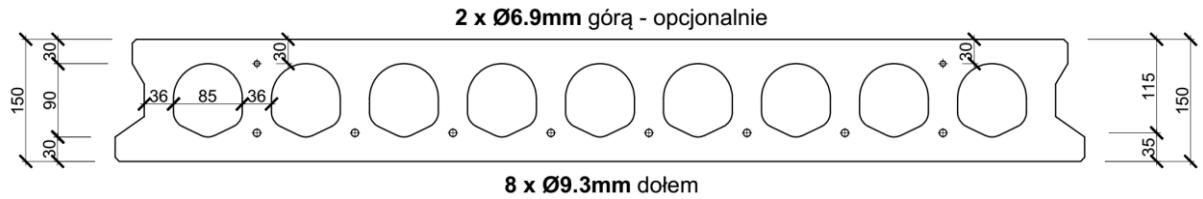
L	$P_{d,max}$	$P_{k,max}$	$P_{k_u,max}$ [X0, XC1]	$P_{k_d,max}$ [XC2, XC3, XC4]
[cm]	[kN/m <sup>2</sup> ]			
210	44.13	43.06	101.91	19.49
240	36.14	32.39	67.80	14.34
270	27.96	25.08	47.27	10.81
300	22.11	19.84	36.89	8.29
330	17.78	15.97	27.23	6.42
360	14.49	13.03	20.56	5.00
390	11.93	10.73	15.79	3.90
420	9.89	8.92	12.29	3.02
450	8.25	7.45	10.20	2.31
480	6.91	6.25	8.06	1.74
510	5.80	5.25	6.39	1.26
540	4.86	4.42	5.07	-
570	4.07	3.71	4.01	-
600	3.40	3.11	3.32	-

## PŁYTA PKS 150 N2 R60



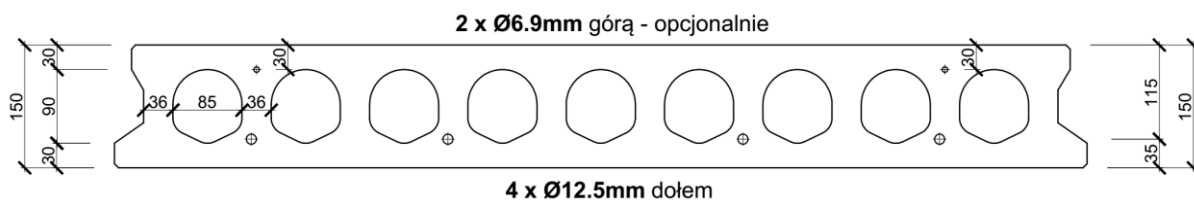
L	$P_{d,max}$	$P_{k,max}$	$P_{k_u,max}$ [X0, XC1]	$P_{k_d,max}$ [XC2, XC3, XC4]
[cm]	[kN/m <sup>2</sup> ]			
210	44.78	54.37	108.85	30.66
240	38.09	41.05	73.08	22.90
270	33.08	31.92	51.43	17.57
300	29.18	25.38	40.25	13.77
330	26.06	20.55	30.01	10.95
360	22.80	16.87	22.88	8.81
390	19.01	14.01	17.77	7.14
420	16.00	11.74	13.99	5.82
450	13.57	9.91	11.68	4.75
480	11.58	8.41	9.36	3.87
510	9.94	7.17	7.54	3.15
540	8.56	6.13	6.09	2.54
570	7.39	5.25	4.93	2.03
600	6.39	4.50	4.15	1.59
630	5.53	3.85	3.33	1.21
660	4.79	3.29	2.65	-

## PLYTA PKS 150 N3 R60



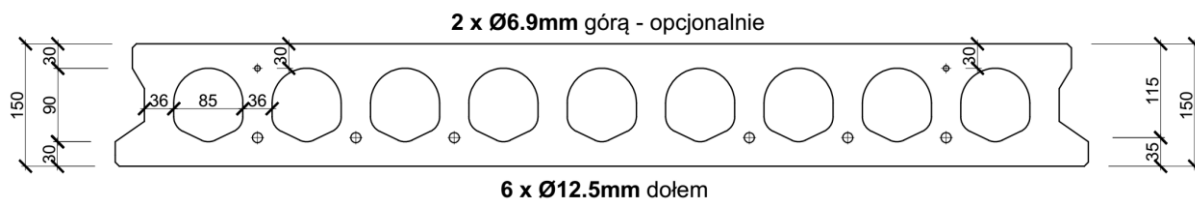
L	$P_{d,max}$	$P_{k,max}$	$P_{k_u,max}$ [X0, XC1]	$P_{k_d,max}$ [XC2, XC3, XC4]
[cm]	[kN/m <sup>2</sup> ]			
210	45.41	65.81	115.80	41.96
240	38.64	49.81	78.37	31.55
270	33.55	38.84	55.59	24.41
300	29.60	30.99	43.62	19.30
330	26.44	25.18	32.78	15.53
360	23.85	20.77	25.21	12.65
390	21.69	17.33	19.75	10.42
420	19.87	14.60	15.69	8.64
450	18.31	12.40	13.16	7.21
480	16.04	10.60	10.66	6.04
510	13.88	9.11	8.69	5.07
540	12.08	7.86	7.12	4.25
570	10.55	6.80	5.84	3.56
600	9.24	5.90	4.97	2.98
630	8.12	5.12	4.08	2.47
660	7.15	4.45	3.34	2.03
690	6.30	3.86	2.71	1.65
720	5.55	3.34	2.17	1.31

## PŁYTA PKS 150 N4 R60



L	$P_{d,max}$	$P_{k,max}$	$P_{ku,max}$ [X0, XC1]	$P_{kd,max}$ [XC2, XC3, XC4]
[cm]	[kN/m <sup>2</sup> ]			
210	44.10	60.50	112.58	36.72
240	37.51	45.74	75.92	27.54
270	32.57	35.62	53.67	21.24
300	28.72	28.39	42.06	16.73
330	25.65	23.03	31.50	13.40
360	23.13	18.96	24.13	10.87
390	21.02	15.79	18.83	8.90
420	17.73	13.28	14.91	7.33
450	15.08	11.25	12.48	6.07
480	12.91	9.59	10.05	5.03
510	11.12	8.21	8.15	4.18
540	9.61	7.06	6.64	3.46
570	8.33	6.08	5.42	2.85
600	7.24	5.25	4.59	2.33
630	6.31	4.53	3.73	1.89
660	5.49	3.91	3.02	1.50
690	4.79	3.37	2.42	1.16

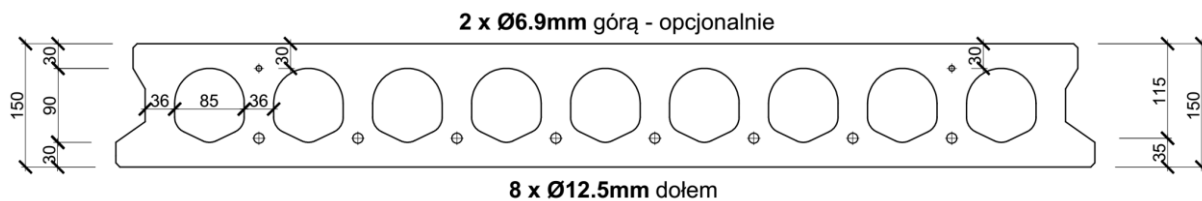
## PŁYTA PKS 150 N5 R60



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[cm]	[kN/m <sup>2</sup> ]			
210	44.73	80.94	124.86	56.91
240	38.05	61.39	85.27	43.00
270	33.04	47.99	61.02	33.46
300	29.15	38.40	48.02	26.63
330	26.03	31.31	36.40	21.58
360	23.48	25.91	28.24	17.74
390	21.35	21.72	22.33	14.75
420	19.55	18.38	17.92	12.38
450	18.01	15.70	15.10	10.47
480	16.68	13.50	12.35	8.90
510	15.51	11.67	10.19	7.60
540	14.48	10.15	8.45	6.51
570	13.46	8.85	7.04	5.59
600	11.87	7.75	6.06	4.81
630	10.50	6.80	5.06	4.13
660	9.32	5.98	4.23	3.55
690	8.28	5.26	3.52	3.03
720	7.37	4.63	2.92	2.59
750	6.57	4.07	2.48	2.19

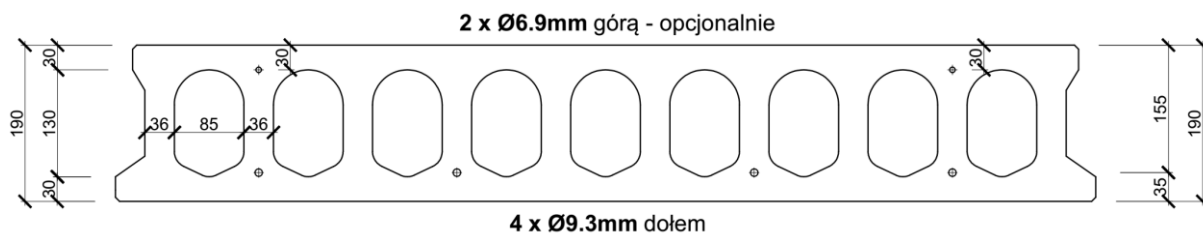


## PLYTA PKS 150 N6 R60



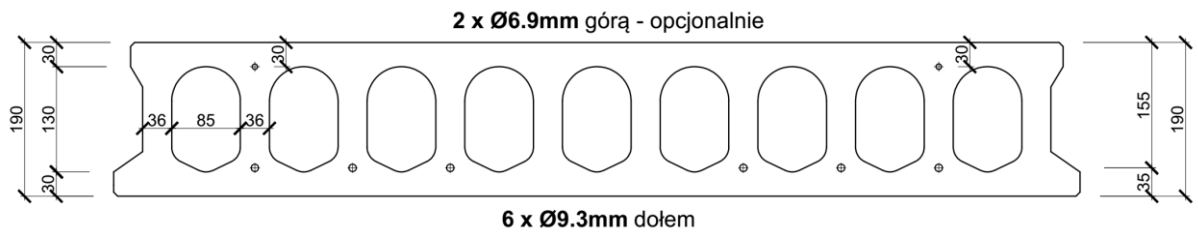
<b>L</b>	<b>P<sub>d,max</sub></b>	<b>P<sub>k,max</sub></b>	<b>P<sub>ku,max</sub></b> [X0, XC1]	<b>P<sub>kd,max</sub></b> [XC2, XC3, XC4]
[cm]	[kN/m <sup>2</sup> ]			
210	45.35	101.78	137.14	77.51
240	38.58	77.35	94.62	58.77
270	33.50	60.60	68.38	45.92
300	29.55	48.61	53.97	36.72
330	26.40	39.75	41.30	29.92
360	23.81	33.01	32.35	24.75
390	21.66	27.76	25.82	20.72
420	19.84	23.60	20.92	17.53
450	18.28	20.24	17.72	14.95
480	16.92	17.49	14.65	12.84
510	15.74	15.21	12.22	11.09
540	14.69	13.30	10.27	9.63
570	13.76	11.68	8.67	8.39
600	12.93	10.30	7.52	7.33
630	12.18	9.12	6.39	6.42
660	11.51	8.09	5.44	5.63
690	10.89	7.19	4.63	4.94
720	10.33	6.40	3.94	4.34
750	9.36	5.71	3.41	3.80
780	8.44	5.09	2.89	3.33

## PŁYTA PKS 190 N1 R60



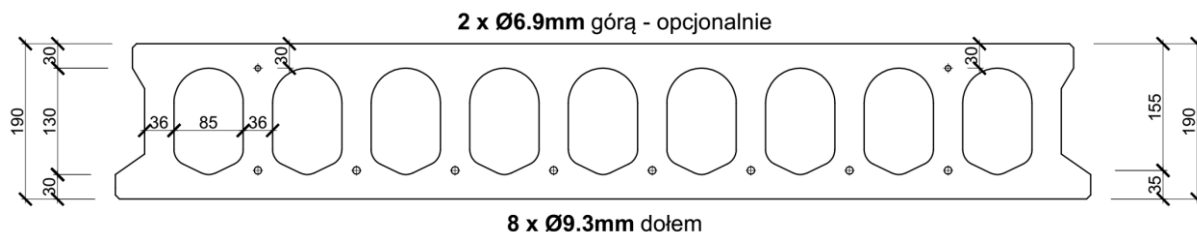
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[cm]	[kN/m <sup>2</sup> ]			
210	60.92	62.62	187.39	27.98
240	49.84	47.30	124.78	20.77
270	38.71	36.79	87.20	15.83
300	30.75	29.27	68.35	12.30
330	24.86	23.71	50.72	9.68
360	20.38	19.48	38.56	7.69
390	16.90	16.19	29.90	6.15
420	14.13	13.58	23.55	4.92
450	11.90	11.47	19.80	3.93
480	10.07	9.75	15.92	3.12
510	8.56	8.32	12.91	2.45
540	7.29	7.12	10.53	1.88
570	6.22	6.11	8.63	1.41
600	5.30	5.24	7.40	1.00
630	4.51	4.50	6.08	-
660	3.83	3.85	4.99	-
690	3.23	3.29	4.07	-
720	2.71	2.80	3.30	-

## PŁYTA PKS 190 N2 R60



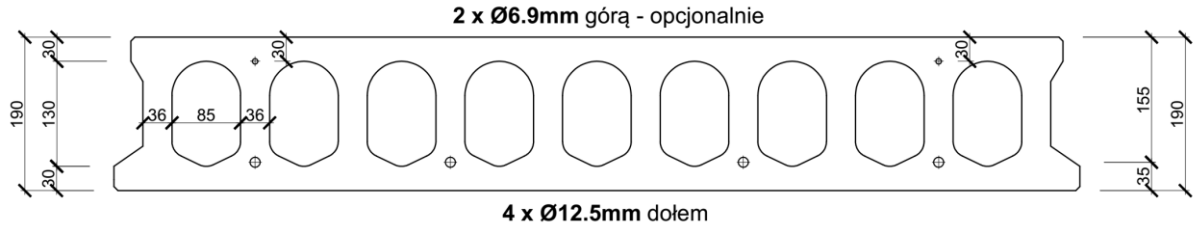
L	P <sub>d,max</sub>	P <sub>k,max</sub>	P <sub>ku,max</sub> [X0, XC1]	P <sub>kd,max</sub> [XC2, XC3, XC4]
[cm]	[kN/m <sup>2</sup> ]			
210	62.27	78.52	198.00	43.65
240	52.69	59.47	132.83	32.77
270	45.58	46.41	93.52	25.31
300	40.10	37.06	73.47	19.98
330	35.75	30.15	54.93	16.03
360	31.82	24.89	42.09	13.03
390	26.64	20.80	32.89	10.69
420	22.53	17.55	26.13	8.84
450	19.22	14.94	22.04	7.34
480	16.51	12.79	17.89	6.12
510	14.26	11.01	14.65	5.10
540	12.37	9.53	12.08	4.25
570	10.78	8.27	10.01	3.53
600	9.42	7.19	8.65	2.92
630	8.25	6.26	7.21	2.39
660	7.23	5.46	6.02	1.93
690	6.35	4.76	5.02	1.53
720	5.57	4.15	4.17	1.18
750	4.88	3.61	3.58	-
780	4.27	3.12	2.94	-

## PLYTA PKS 190 N3 R60



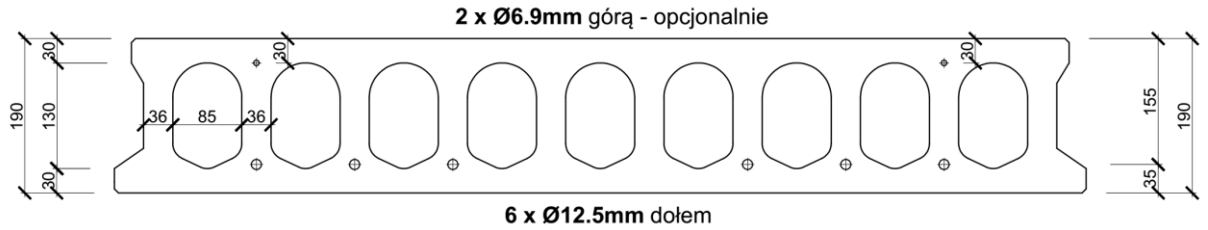
L	P <sub>d,max</sub>	P <sub>k,max</sub>	P <sub>ku,max</sub> [X0, XC1]	P <sub>kd,max</sub> [XC2, XC3, XC4]
[cm]	[kN/m <sup>2</sup> ]			
210	63.58	94.62	208.60	59.53
240	53.80	71.79	140.88	44.93
270	46.55	56.15	99.85	34.92
300	40.96	44.95	78.58	27.76
330	36.52	36.67	59.14	22.46
360	32.90	30.37	45.61	18.43
390	29.91	25.47	35.89	15.29
420	27.38	21.58	28.70	12.81
450	25.22	18.44	24.28	10.80
480	22.72	15.87	19.85	9.16
510	19.76	13.74	16.38	7.79
540	17.28	11.96	13.62	6.65
570	15.18	10.45	11.40	5.69
600	13.39	9.16	9.90	4.86
630	11.85	8.05	8.35	4.15
660	10.52	7.09	7.05	3.54
690	9.35	6.25	5.96	3.00
720	8.33	5.52	5.03	2.53
750	7.43	4.87	4.38	2.12
780	6.63	4.29	3.68	1.75
810	5.91	3.78	3.08	1.42

## PLYTA PKS 190 N4 R60



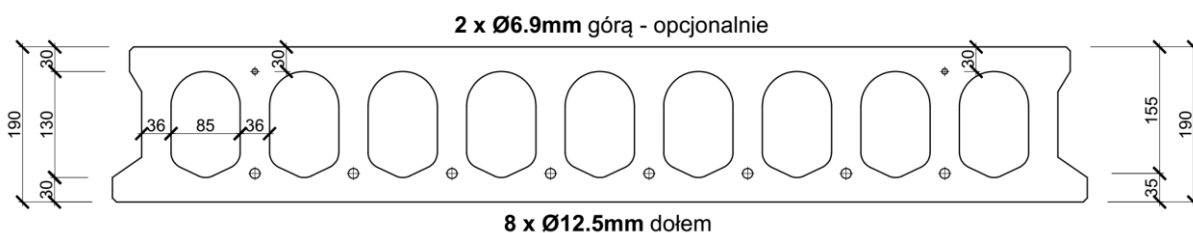
L	$P_{d,max}$	$P_{k,max}$	$P_{ku,max}$ [X0, XC1]	$P_{kd,max}$ [XC2, XC3, XC4]
[cm]	[kN/m <sup>2</sup> ]			
210	61.01	87.19	203.74	52.19
240	51.61	66.10	137.19	39.31
270	44.64	51.65	96.94	30.48
300	39.27	41.31	76.23	24.16
330	35.00	33.66	57.20	19.49
360	31.53	27.84	43.99	15.93
390	28.65	23.31	34.51	13.17
420	24.94	19.72	27.52	10.97
450	21.31	16.82	23.25	9.20
480	18.35	14.45	18.95	7.75
510	15.89	12.48	15.58	6.55
540	13.83	10.84	12.91	5.54
570	12.09	9.44	10.76	4.69
600	10.60	8.25	9.33	3.96
630	9.32	7.23	7.82	3.34
660	8.21	6.34	6.57	2.80
690	7.24	5.57	5.52	2.32
720	6.39	4.89	4.64	1.91
750	5.64	4.29	4.01	1.54
780	4.97	3.75	3.34	1.22
810	4.38	3.28	2.76	-

## PLYTA PKS 190 N5 R60



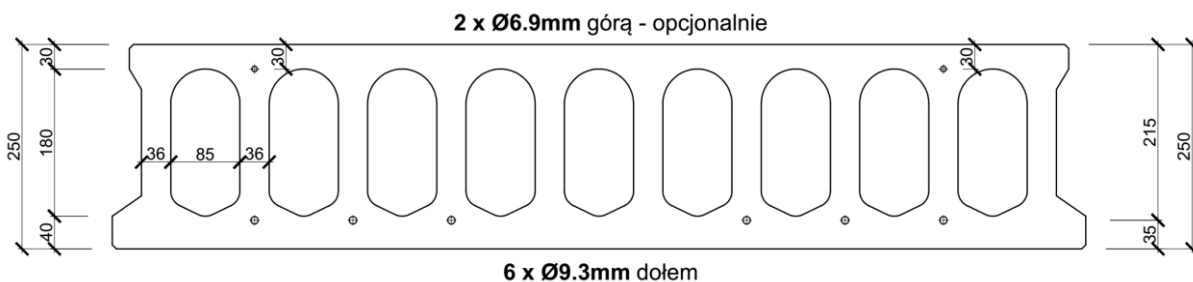
L	P <sub>d,max</sub>	P <sub>k,max</sub>	P <sub>ku,max</sub> [X0, XC1]	P <sub>kd,max</sub> [XC2, XC3, XC4]
[cm]	[kN/m <sup>2</sup> ]			
210	62.39	116.02	222.51	80.62
240	52.79	88.18	151.44	61.08
270	45.67	69.09	108.14	47.68
300	40.18	55.44	85.29	38.09
330	35.82	45.34	64.65	31.00
360	32.27	37.65	50.23	25.61
390	29.32	31.68	39.81	21.41
420	26.84	26.93	32.07	18.08
450	24.72	23.10	27.21	15.39
480	22.89	19.97	22.42	13.19
510	21.29	17.37	18.66	11.37
540	19.88	15.20	15.65	9.84
570	18.63	13.36	13.21	8.55
600	17.07	11.78	11.54	7.45
630	15.19	10.43	9.83	6.50
660	13.56	9.26	8.40	5.67
690	12.13	8.24	7.19	4.96
720	10.88	7.34	6.17	4.33
750	9.78	6.55	5.42	3.77
780	8.80	5.84	4.64	3.28
810	7.93	5.22	3.97	2.84
840	7.15	4.66	3.38	2.44
870	6.45	4.15	2.87	2.09

## PŁYTA PKS 190 N6 R60



L	P <sub>d,max</sub>	P <sub>k,max</sub>	P <sub>ku,max</sub> [X0, XC1]	P <sub>kd,max</sub> [XC2, XC3, XC4]
[cm]	[kN/m <sup>2</sup> ]			
210	63.72	145.50	241.29	109.69
240	53.92	110.75	165.70	83.33
270	46.65	86.93	119.33	65.26
300	41.05	69.88	94.35	52.34
330	36.60	57.27	72.10	42.77
360	32.98	47.68	56.46	35.50
390	29.97	40.22	45.10	29.84
420	27.44	34.30	36.63	25.35
450	25.28	29.52	31.18	21.72
480	23.41	25.61	25.90	18.76
510	21.78	22.37	21.73	16.30
540	20.34	19.66	18.39	14.24
570	19.06	17.36	15.67	12.50
600	17.92	15.40	13.75	11.01
630	16.90	13.71	11.83	9.73
660	15.98	12.24	10.22	8.62
690	15.14	10.97	8.86	7.65
720	14.37	9.85	7.70	6.80
750	13.67	8.86	6.83	6.05
780	12.47	7.98	5.95	5.38
810	11.33	7.20	5.18	4.79
840	10.31	6.50	4.51	4.26
870	9.40	5.87	3.91	3.79
900	8.57	5.31	3.46	3.36
930	7.83	4.79	2.98	2.97

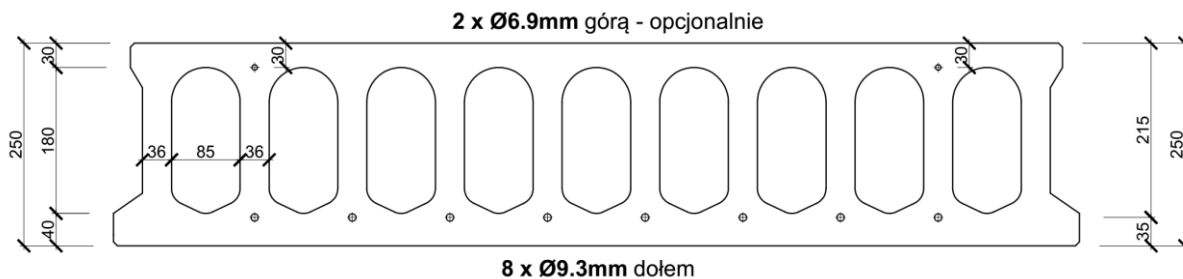
## PŁYTA PKS 250 N1 R60



L	P <sub>d,max</sub>	P <sub>k,max</sub>	P <sub>ku,max</sub> [X0, XC1]	P <sub>kd,max</sub> [XC2, XC3, XC4]
[cm]	[kN/m <sup>2</sup> ]			
210	91.30	119.94	415.24	62.45
240	76.45	91.04	277.47	47.02
270	65.64	71.22	194.77	36.44
300	57.43	57.04	153.26	28.87
330	50.98	46.55	114.44	23.27
360	45.14	38.58	87.68	19.01
390	37.89	32.37	68.60	15.70
420	32.13	27.44	54.62	13.07
450	27.49	23.47	46.34	10.95
480	23.69	20.21	37.79	9.21
510	20.54	17.52	31.15	7.77
540	17.90	15.26	25.91	6.56
570	15.66	13.35	21.71	5.54
600	13.75	11.72	19.01	4.67
630	12.11	10.31	16.09	3.92
660	10.69	9.09	13.68	3.27
690	9.45	8.03	11.67	2.71
720	8.36	7.10	9.97	2.21
750	7.40	6.28	8.82	1.77
780	6.55	5.55	7.55	1.38
810	5.79	4.90	6.46	1.03
840	5.11	4.32	5.51	-
870	4.50	3.79	4.69	-
900	3.95	3.32	4.12	-

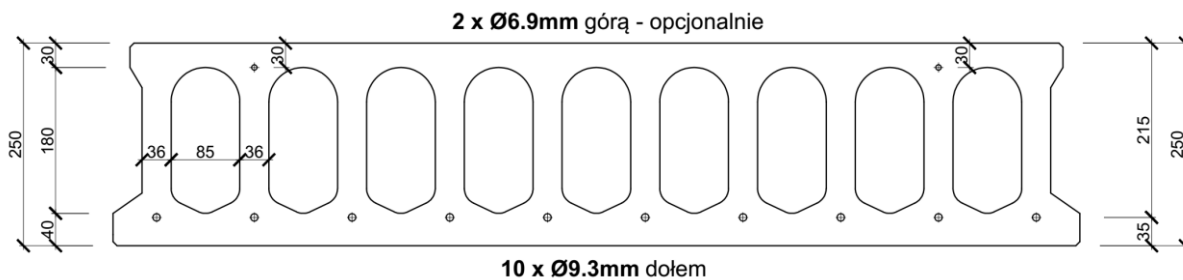


## PŁYTA PKS 250 N2 R60



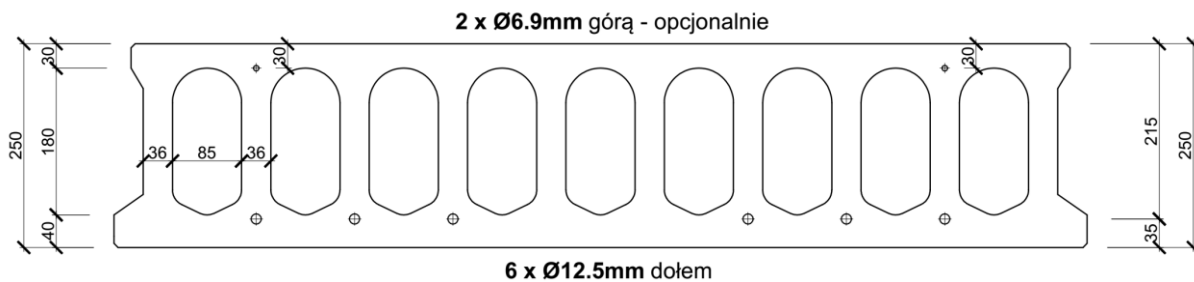
L	P <sub>d,max</sub>	P <sub>k,max</sub>	P <sub>ku,max</sub> [X0, XC1]	P <sub>kd,max</sub> [XC2, XC3, XC4]
[cm]	[kN/m <sup>2</sup> ]			
210	93.88	142.82	431.61	84.96
240	78.62	108.55	289.85	64.25
270	67.52	85.05	204.46	50.05
300	59.08	68.25	161.09	39.90
330	52.45	55.82	120.87	32.38
360	47.11	46.36	93.05	26.67
390	42.70	39.00	73.16	22.22
420	39.01	33.16	58.53	18.69
450	35.88	28.45	49.74	15.85
480	32.53	24.59	40.78	13.52
510	28.37	21.40	33.79	11.59
540	24.88	18.72	28.26	9.97
570	21.93	16.45	23.81	8.60
600	19.42	14.52	20.90	7.43
630	17.25	12.85	17.81	6.42
660	15.37	11.41	15.24	5.55
690	13.73	10.15	13.09	4.79
720	12.29	9.04	11.28	4.12
750	11.02	8.07	10.02	3.53
780	9.90	7.20	8.66	3.01
810	8.89	6.43	7.49	2.55
840	7.99	5.74	6.47	2.13
870	7.19	5.13	5.59	1.75
900	6.46	4.57	4.95	1.42

## PŁYTA PKS 250 N3 R60



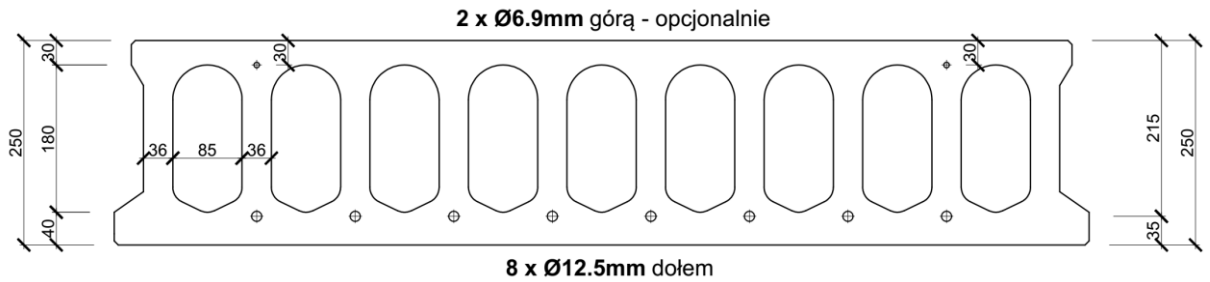
L	P <sub>d,max</sub>	P <sub>k,max</sub>	P <sub>ku,max</sub> [X0, XC1]	P <sub>kd,max</sub> [XC2, XC3, XC4]
[cm]	[kN/m <sup>2</sup> ]			
210	96.37	165.97	447.97	107.74
240	80.72	126.27	302.23	81.69
270	69.33	99.06	214.15	63.84
300	60.68	79.59	168.93	51.06
330	53.88	65.19	127.30	41.61
360	48.39	54.24	98.42	34.42
390	43.88	45.71	77.71	28.83
420	40.09	38.95	62.45	24.39
450	36.88	33.49	53.15	20.81
480	34.11	29.02	43.76	17.88
510	31.70	25.32	36.43	15.45
540	29.59	22.22	30.60	13.41
570	27.72	19.59	25.91	11.69
600	24.96	17.35	22.80	10.22
630	22.28	15.42	19.52	8.96
660	19.95	13.75	16.80	7.86
690	17.92	12.29	14.52	6.90
720	16.14	11.01	12.59	6.06
750	14.57	9.88	11.23	5.32
780	13.18	8.88	9.77	4.66
810	11.94	7.99	8.52	4.08
840	10.83	7.19	7.43	3.55
870	9.83	6.47	6.48	3.08
900	8.93	5.83	5.78	2.66
930	8.11	5.24	5.03	2.27
960	7.37	4.71	4.36	1.92
990	6.70	4.23	3.77	1.61
1020	6.09	3.79	3.24	1.32

## PŁYTA PKS 250 N4 R60



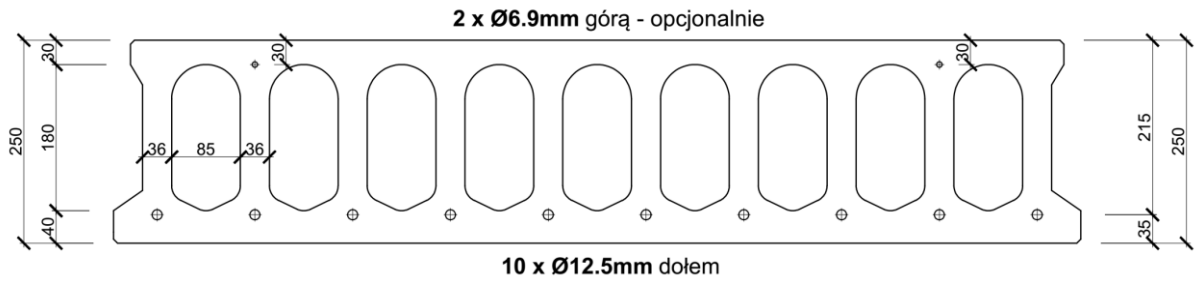
L	P <sub>d,max</sub>	P <sub>k,max</sub>	P <sub>ku,max</sub> [X0, XC1]	P <sub>kd,max</sub> [XC2, XC3, XC4]
[cm]	[kN/m <sup>2</sup> ]			
210	91.94	173.22	453.09	114.85
240	76.99	131.82	306.09	87.14
270	66.11	103.44	217.17	68.14
300	57.84	83.15	171.37	54.55
330	51.34	68.13	129.30	44.49
360	46.11	56.70	100.09	36.84
390	41.79	47.81	79.13	30.89
420	38.18	40.76	63.66	26.17
450	35.10	35.07	54.21	22.36
480	32.46	30.41	44.69	19.24
510	30.16	26.55	37.24	16.66
540	28.15	23.32	31.33	14.49
570	26.36	20.58	26.56	12.66
600	24.67	18.24	23.39	11.09
630	22.02	16.23	20.05	9.75
660	19.71	14.49	17.28	8.58
690	17.70	12.97	14.96	7.56
720	15.94	11.63	12.99	6.67
750	14.39	10.45	11.60	5.88
780	13.01	9.41	10.12	5.18
810	11.78	8.48	8.84	4.55
840	10.68	7.64	7.73	4.00
870	9.69	6.90	6.75	3.50
900	8.80	6.22	6.04	3.04
930	7.99	5.61	5.27	2.64
960	7.26	5.06	4.59	2.27
990	6.59	4.55	3.98	1.93
1020	5.99	4.09	3.44	1.62

## PŁYTA PKS 250 N5 R60



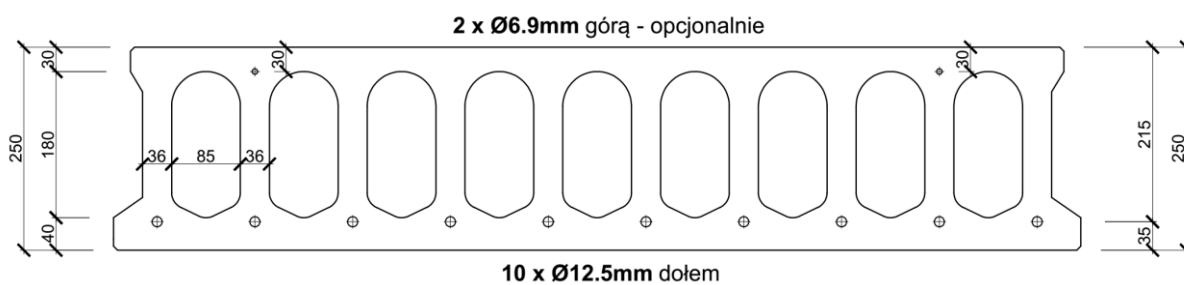
L	P <sub>d,max</sub>	P <sub>k,max</sub>	P <sub>ku,max</sub> [X0, XC1]	P <sub>kd,max</sub> [XC2, XC3, XC4]
[cm]	[kN/m <sup>2</sup> ]			
210	94.68	215.07	482.07	156.05
240	79.29	163.87	328.01	118.68
270	68.10	128.76	234.33	93.06
300	59.59	103.65	185.24	74.73
330	52.91	85.07	140.69	61.17
360	47.52	70.94	109.61	50.86
390	43.08	59.95	87.20	42.84
420	39.36	51.22	70.59	36.47
450	36.20	44.18	60.24	31.33
480	33.48	38.42	49.97	27.12
510	31.12	33.65	41.91	23.64
540	29.04	29.65	35.48	20.72
570	27.20	26.26	30.28	18.25
600	25.57	23.37	26.74	16.14
630	24.10	20.88	23.09	14.32
660	22.78	18.72	20.05	12.75
690	21.58	16.84	17.48	11.38
720	20.49	15.19	15.31	10.17
750	19.49	13.73	13.73	9.11
780	18.31	12.44	12.09	8.16
810	16.70	11.29	10.66	7.32
840	15.25	10.26	9.42	6.57
870	13.96	9.34	8.33	5.90
900	12.78	8.50	7.51	5.29
930	11.73	7.75	6.65	4.74
960	10.76	7.06	5.88	4.24
990	9.89	6.44	5.20	3.78
1020	9.09	5.87	4.58	3.37
1050	8.36	5.35	4.11	2.98
1080	7.69	4.87	3.61	2.64

## PŁYTA PKS 250 N6 R60



L	$P_{d,max}$	$P_{k,max}$	$P_{ku,max}$ [X0, XC1]	$P_{kd,max}$ [XC2, XC3, XC4]
[cm]	[kN/m <sup>2</sup> ]			
210	97.32	257.82	511.05	198.14
240	81.51	196.60	349.93	150.91
270	70.02	154.62	251.49	118.52
300	61.28	124.60	199.11	95.36
330	54.42	102.39	152.08	78.22
360	48.88	85.49	119.12	65.18
390	44.32	72.34	95.27	55.04
420	40.50	61.91	77.52	46.99
450	37.26	53.49	66.27	40.50
480	34.46	46.60	55.25	35.18
510	32.03	40.90	46.58	30.78
540	29.90	36.11	39.63	27.09
570	28.01	32.06	34.00	23.96
600	26.33	28.61	30.09	21.29
630	24.83	25.63	26.13	19.00
660	23.47	23.05	22.81	17.01
690	22.24	20.80	20.01	15.27
720	21.12	18.83	17.62	13.75
750	20.09	17.09	15.87	12.41
780	19.15	15.54	14.06	11.21
810	18.29	14.16	12.49	10.15
840	17.49	12.93	11.11	9.20
870	16.75	11.83	9.91	8.35
900	16.06	10.83	8.99	7.58
930	15.34	9.93	8.03	6.88
960	14.16	9.11	7.17	6.25
990	13.08	8.36	6.41	5.67

## PŁYTA PKS 250 N6 R60 c.d.



<b>L</b>	<b>P<sub>d,max</sub></b>	<b>P<sub>k,max</sub></b>	<b>P<sub>ku,max</sub></b> [X0, XC1]	<b>P<sub>kd,max</sub></b> [XC2, XC3, XC4]
[cm]	[kN/m <sup>2</sup> ]			
1020	12.10	7.68	5.73	5.15
1050	11.20	7.06	5.19	4.67
1080	10.37	6.48	4.63	4.23
1110	9.61	5.96	4.12	3.82
1140	8.91	5.47	3.65	3.45
1170	8.26	5.02	3.23	3.10
1200	7.66	4.61	2.89	2.78