



Grilles-caillebotis lourdes

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Zinguées au feu.

N° article	Epaiss. B.P.	Prix/0-10 m2	Coupes	Plus-value
			Prix/m1	pour petites coupes Prix/pce
Mailles : 22 x 22 mm				
P430-33-3	30/4	321.--	53.--	27.--
P440-33-3	40/4	410.--	53.--	27.--
P450-33-4	50/4	450.--	53.--	27.--
P460-33-4	60/4	528.--	53.--	27.--
P470-33-4	70/4	612.--	53.--	27.--
P480-33-4	80/4	669.--	53.--	27.--
P490-33-4	90/4	716.--	53.--	27.--
P4100-33-4	100/4	799.--	53.--	27.--
P530-33-5	30/5	351.--	53.--	27.--
P540-33-5	40/5	453.--	71.--	31.--
P550-33-5	50/5	510.--	71.--	31.--
P560-33-5	60/5	597.--	71.--	31.--
P570-33-5	70/5	692.--	78.--	34.--
P580-33-5	80/5	757.--	78.--	34.--
P590-33-5	90/5	815.--	78.--	34.--
P5100-33-5	100/5	907.--	100.--	41.--
P5110-33-5	110/5	1014.--	100.--	41.--
P5120-33-5	120/5	1133.--	100.--	41.--
Mailles : 33 x 33 mm				
P430-33-3	30/4	238.--	53.--	27.--
P440-33-3	40/4	304.--	53.--	27.--
P450-33-4	50/4	334.--	53.--	27.--
P460-33-4	60/4	391.--	53.--	27.--
P470-33-4	70/4	454.--	53.--	27.--
P480-33-4	80/4	496.--	53.--	27.--
P490-33-4	90/4	531.--	53.--	27.--
P4100-33-4	100/4	592.--	53.--	27.--
P530-33-5	30/5	260.--	53.--	27.--
P540-33-5	40/5	336.--	71.--	31.--
P550-33-5	50/5	378.--	71.--	31.--
P560-33-5	60/5	443.--	71.--	31.--
P570-33-5	70/5	512.--	78.--	34.--
P580-33-5	80/5	560.--	78.--	34.--
P590-33-5	90/5	604.--	78.--	34.--
P5100-33-5	100/5	672.--	100.--	41.--
P5110-33-5	110/5	751.--	100.--	41.--
P5120-33-5	120/5	839.--	100.--	41.--

Plus-values pour grilles de petite surface :	min. 0.15 m2	+ 25 %
	0.15 – 0.24 m2	+ 25 %
	0.25 – 0.34 m2	+ 20 %
	0.35 – 0.50 m2	+ 15 %
	0.51 – 0.69 m2	+ 10 %

08/14

Tableau de charges pour grilles-caillebotis lourdes

Tableau de charges matière S 235 JR = St 37-2

Grilles zinguées au feu, mailles 33 x 33 mm.

Barre porteuse	poids moyen galvanisé kg/m ²	surface d'application de charges	charge de roue en kN					surface d'application de charges	charge de roue en kN				
			4,50/6,30	7,50/10,50	10/14	20/28	30/42		40/56	50/70	75/105	100/140	
25 x 2 mm	P = 19,4 SP = 18,7	100 x 100 mm	220/170	150/120				200 x 300 mm					
		150 x 150 mm	280/220	200/160	170/140	120/110		200 x 400 mm					
		200 x 200 mm			210/170	150/130	130/120	200 x 500 mm					
		200 x 260 mm			230/190	160/140	140/130	200 x 600 mm					
25 x 3 mm	P = 25,4 SP = 24,5	100 x 100 mm	300/230	200/160	160/130			200 x 300 mm					
		150 x 150 mm	380/290	260/210	210/170	140/120		200 x 400 mm					
		200 x 200 mm			260/210	180/150	150/130	200 x 500 mm					
		200 x 260 mm			290/240	210/180	180/160	200 x 600 mm					
30 x 2 mm	P = 22,4 SP = 21,5	100 x 100 mm	290/220	190/150	160/130			200 x 300 mm					
		150 x 150 mm	370/280	250/200	210/170	140/120		200 x 400 mm					
		200 x 200 mm			250/210	170/150	150/130	200 x 500 mm					
		200 x 260 mm			280/240	200/180	170/160	200 x 600 mm					
30 x 3 mm	P = 29,5 SP = 28,5	100 x 100 mm	410/300	280/200	210/160			200 x 300 mm	170/150	160/140			
		150 x 150 mm	510/390	340/260	270/210	170/140		200 x 400 mm	190/170	170/150	150/130		
		200 x 200 mm			330/260	210/180	170/150	200 x 500 mm		190/160	160/140		
		200 x 260 mm			360/290	240/210	200/180	200 x 600 mm			170/150	150/130	
40 x 2 mm	P = 28,1 SP = 27,2	100 x 100 mm	460/340	300/230	230/180			200 x 300 mm	190/160	170/150			
		150 x 150 mm	580/440	380/290	300/240	190/150		200 x 400 mm	210/180	190/160	160/140		
		200 x 200 mm			370/290	230/190	190/160	200 x 500 mm		210/170	170/150	150/130	
		200 x 260 mm			400/320	260/220	210/190	200 x 600 mm			180/160	160/140	
40 x 3 mm	P = 37,8 SP = 36,5	100 x 100 mm	660/490	420/310	330/250			200 x 300 mm	230/190	210/170			
		150 x 150 mm	840/620	530/400	420/320	250/200		200 x 400 mm	270/220	230/190	190/160		
		200 x 200 mm			510/390	300/240	230/190	200 x 500 mm		260/210	210/170	180/150	
		200 x 260 mm			540/420	330/270	260/220	200 x 600 mm			220/190	190/160	
40 x 4 mm	P = 48,7 SP = 47,0	100 x 100 mm	870/640	550/410	420/320			200 x 300 mm	280/240	240/200			
		150 x 150 mm	1100/810	690/510	530/400	300/240		200 x 400 mm	320/260	280/240	220/180		
		200 x 200 mm			650/490	370/290	280/240	200 x 500 mm		320/250	240/200	210/170	
		200 x 260 mm			680/520	400/320	310/260	200 x 600 mm			270/220	220/190	
40 x 5 mm	P = 62,0 SP = 59,4	100 x 100 mm	1070/780	660/490	510/380			200 x 300 mm	310/260	280/240			
		150 x 150 mm	1350/990	840/620	650/480	360/280		200 x 400 mm	360/310	320/260	250/210		
		200 x 200 mm			790/590	440/340	330/260	200 x 500 mm		370/290	280/230	230/190	
		200 x 260 mm			810/620	470/370	350/290	200 x 600 mm			310/250	260/210	
50 x 5 mm	P = 82,9 SP = 72,7	100 x 100 mm	1600/1160	980/720	750/550			200 x 300 mm	400/330	350/290			
		150 x 150 mm	2030/1470	1250/910	950/700	510/390		200 x 400 mm	450/370	400/340	330/260		
		200 x 200 mm			1150/850	620/470	450/350	200 x 500 mm		440/380	370/300	310/250	
		200 x 260 mm			1180/880	650/500	480/370	200 x 600 mm			420/330	340/270	
60 x 5 mm	P = 96,6 SP = 86,0	100 x 100 mm	2230/1610	1360/980	1030/750			200 x 300 mm	510/410	440/350			
		150 x 150 mm		1720/1250	1310/960	690/520		200 x 400 mm	560/450	480/400	380/330		
		200 x 200 mm			1590/1170	840/630	590/450	200 x 500 mm		530/440	430/370	380/310	
		200 x 260 mm				870/700	620/480	200 x 600 mm			470/420	420/350	
70 x 5 mm	P = 110,3 SP = 99,3	100 x 100 mm		1770/1280	1340/970			200 x 300 mm	640/500	540/430			
		150 x 150 mm			1720/1250	900/660		200 x 400 mm	680/540	580/470	450/380		
		200 x 200 mm			2090/1520	1090/810	760/570	200 x 500 mm		630/520	500/420	430/370	
		200 x 260 mm			2120/1550	1120/840	790/600	200 x 600 mm			540/470	470/420	
80 x 5 mm	P = 124,0 SP = 112,5	100 x 100 mm			1690/1220			200 x 300 mm	780/600	650/510			
		150 x 150 mm			2170/1570	1120/820		200 x 400 mm	820/640	700/550	530/430		
		200 x 200 mm				1370/1010	950/700	200 x 500 mm		740/600	570/470	490/410	
		200 x 260 mm				1400/1040	980/730	200 x 600 mm			620/520	530/460	
90 x 5 mm	P = 137,7	100 x 100 mm						200 x 300 mm	930/710	780/590			
		150 x 150 mm				1370/1000		200 x 400 mm	980/750	820/640	610/490		
		200 x 200 mm				1680/1230	1150/850	200 x 500 mm		870/680	650/530	550/460	
		200 x 260 mm				1710/1260	1180/880	200 x 600 mm			700/580	590/500	
100 x 5 mm	P = 151,4	100 x 100 mm						200 x 300 mm	1100/830	910/690			
		150 x 150 mm				1630/1190		200 x 400 mm	1150/870	950/730	700/550		
		200 x 200 mm				2020/1470	1380/1010	200 x 500 mm		1000/780	740/600	610/500	
		200 x 260 mm				2040/1490	1400/1040	200 x 600 mm			790/640	660/550	
110 x 5 mm	P = 165,1	100 x 100 mm						200 x 300 mm	1290/960	1060/800			
		150 x 150 mm				1940/1400		200 x 400 mm		1110/840	800/620		
		200 x 200 mm				2400/1740	1630/1190	200 x 500 mm		1150/890	840/670	690/560	
		200 x 260 mm				2420/1760	1660/1220	200 x 600 mm			890/710	740/600	
120 x 5 mm	P = 178,8	100 x 100 mm						200 x 300 mm	1490/1110	1220/910			
		150 x 150 mm						200 x 400 mm	1540/1150	1270/960	910/700	730/570	
		200 x 200 mm					1900/1390	200 x 500 mm		1310/1010	950/750	770/620	
		200 x 260 mm					1930/1410	200 x 600 mm			1000/790	820/660	

1 kN = 1000 N = environ 100 kg

Tableau de charges pour grilles-caillebotis lourdes

Tableau de charges matière S 355 J2G3 = St 52-3

Barre porteuse	poids moyen galvanisé kg/m ²	surface d'application de charges	charge de roue en kN					surface d'application de charges	charge de roue en kN				
			4,50/6,30	7,50/10,50	10/14	20/28	30/42		40/56	50/70	75/105	100/140	
25 x 2 mm	P = 19,4	100 x 100 mm	300/200	200/150				200 x 300 mm					
		150 x 150 mm	325/250	225/180	185/155	130/115		200 x 400 mm					
		200 x 200 mm			265/215	180/155	155/135	200 x 500 mm					
		200 x 260 mm			295/245	210/185	185/165	200 x 600 mm					
25 x 3 mm	P = 25,4	100 x 100 mm	425/315	275/210	215/170			200 x 300 mm					
		150 x 150 mm	540/405	350/270	280/220	175/145		200 x 400 mm					
		200 x 200 mm			350/275	225/190	180/160	200 x 500 mm					
		200 x 260 mm			390/305	255/220	210/190	200 x 600 mm					
30 x 2 mm	P = 22,4	100 x 100 mm	405/300	260/200	210/160			200 x 300 mm					
		150 x 150 mm	515/390	340/260	270/215	170/145		200 x 400 mm					
		200 x 200 mm			335/270	215/180	180/155	200 x 500 mm					
		200 x 260 mm			365/300	245/210	210/185	200 x 600 mm					
30 x 3 mm	P = 29,5	100 x 100 mm	580/430	370/275	290/220			200 x 300 mm	230/190	205/175			
		150 x 150 mm	735/545	470/360	370/285	220/180		200 x 400 mm	260/215	230/190	185/160		
		200 x 200 mm			455/350	275/225	215/185	200 x 500 mm		240/200	190/165		
		200 x 260 mm			485/390	305/255	245/215	200 x 600 mm			205/175	180/155	
40 x 2 mm	P = 28,1	100 x 100 mm	660/485	415/310	325/245			200 x 300 mm	235/195	210/175			
		150 x 150 mm	840/620	535/400	420/320	245/195		200 x 400 mm	270/220	235/195	190/165		
		200 x 200 mm			510/395	305/245	235/195	200 x 500 mm		265/215	210/175	180/160	
		200 x 260 mm			540/425	335/275	265/225	200 x 600 mm			230/190	195/170	
40 x 3 mm	P = 37,8	100 x 100 mm	995/725	615/455	475/355			200 x 300 mm	305/245	265/215			
		150 x 150 mm	1100/895	765/565	590/445	330/260		200 x 400 mm	360/285	305/245	235/195		
		200 x 200 mm			720/540	410/320	305/245	200 x 500 mm		345/275	265/215	220/185	
		200 x 260 mm			750/570	440/350	335/275	200 x 600 mm			290/235	245/200	
40 x 4 mm	P = 48,7	100 x 100 mm	1150/920	770/570	600/440			200 x 300 mm	370/290	320/250			
		150 x 150 mm	1250/1150	990/730	760/560	420/310		200 x 400 mm	430/340	370/290	290/220		
		200 x 200 mm			920/690	510/390	370/290	200 x 500 mm		420/330	320/250	260/210	
		200 x 260 mm			950/720	540/420	400/320	200 x 600 mm			350/280	290/230	
40 x 5 mm	P = 62,0	100 x 100 mm	1250/1140	970/700	740/540			200 x 300 mm	440/340	370/290			
		150 x 150 mm	1400/1200	1100/890	900/690	500/380		200 x 400 mm	510/400	430/340	320/260		
		200 x 200 mm			1050/840	600/470	430/340	200 x 500 mm		490/390	370/290	300/240	
		200 x 260 mm			1050/870	640/500	460/370	200 x 600 mm			410/320	340/270	
50 x 5 mm	P = 82,9	100 x 100 mm	1750/1450	1300/1000	1100/800			200 x 300 mm	540/430	460/370			
		150 x 150 mm	2000/1650	1600/1250	1300/1000	730/540		200 x 400 mm	590/480	510/420	400/350		
		200 x 200 mm			1450/1220	880/660	620/470	200 x 500 mm		560/470	450/400	410/320	
		200 x 260 mm			1450/1250	910/690	650/500	200 x 600 mm			500/450	460/360	
60 x 5 mm	P = 96,6	100 x 100 mm	2250/1900	1750/1490	1500/1080			200 x 300 mm	700/540	590/470			
		150 x 150 mm		2000/1700	1650/1400	1000/730		200 x 400 mm	750/590	640/520	490/410		
		200 x 200 mm			1900/1600	1220/900	840/630	200 x 500 mm		690/570	540/460	470/410	
		200 x 260 mm				1250/930	870/660	200 x 600 mm			590/510	520/460	
70 x 5 mm	P = 110,3	100 x 100 mm		2200/1800	1850/1400			200 x 300 mm	900/680	750/570			
		150 x 150 mm			2150/1830	1300/950		200 x 400 mm	950/730	800/620	590/480		
		200 x 200 mm			2300/1970	1570/1170	1080/810	200 x 500 mm		850/670	640/530	550/460	
		200 x 260 mm			2300/1900	1610/1200	1130/840	200 x 600 mm			690/580	600/510	
80 x 5 mm	P = 124,0	100 x 100 mm			2250/1800			200 x 300 mm	1100/830	900/690			
		150 x 150 mm			2550/2170	1640/1190		200 x 400 mm	1150/880	950/740	700/560		
		200 x 200 mm				2040/1470	1370/1010	200 x 500 mm		1000/790	750/610	630/520	
		200 x 260 mm				2040/1500	1400/1040	200 x 600 mm			800/660	680/570	
90 x 5 mm	P = 137,7	100 x 100 mm						200 x 300 mm	1320/1000	1100/830			
		150 x 150 mm				2010/1460		200 x 400 mm	1370/1050	1150/880	830/650		
		200 x 200 mm				2350/1800	1680/1230	200 x 500 mm		1190/930	880/700	720/590	
		200 x 260 mm				2350/1930	1710/1260	200 x 600 mm			930/750	770/640	
100 x 5 mm	P = 151,4	100 x 100 mm						200 x 300 mm	1570/1170	1280/960			
		150 x 150 mm				2410/1740		200 x 400 mm	1620/1220	1330/1010	960/740		
		200 x 200 mm				2750/2150	2020/1470	200 x 500 mm		1380/1060	1010/790	820/650	
		200 x 260 mm				2750/2180	2050/1500	200 x 600 mm			1060/840	870/710	
110 x 5 mm	P = 165,1	100 x 100 mm						200 x 300 mm	1870/1370	1770/1310			
		150 x 150 mm				2800/2090		200 x 400 mm	1920/1420	1570/1180	1280/970		
		200 x 200 mm				3150/2580	2420/1750	200 x 500 mm		1870/1410	1170/910	935/710	
		200 x 260 mm				3150/2600	2450/1780	200 x 600 mm			1380/1070	980/790	
120 x 5 mm	P = 178,8	100 x 100 mm						200 x 300 mm	2150/1600	1750/1300			
		150 x 150 mm						200 x 400 mm	2200/1650	1800/1350	1280/970	1000/780	
		200 x 200 mm					2860/2070	200 x 500 mm			1850/1400	1320/1020	1050/840
		200 x 260 mm					2880/2100	200 x 600 mm			1380/1070	1100/880	

1 kN = 1000 N = environ 100 kg