

Project

Name: Vzdrževalna dela ZU OŠ Grm

Shape Codes According to: EN ISO 3766:2003

Revision Number:

Revision Date:

The bar length is calculated on the basis of the center line.

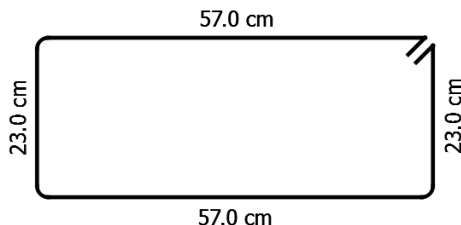
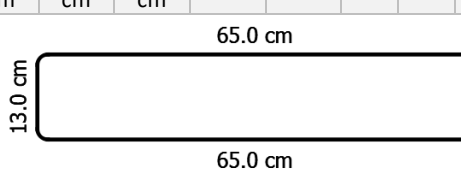
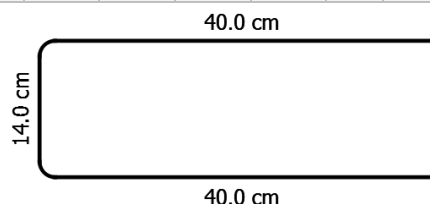
Weight Schedule - straight bars

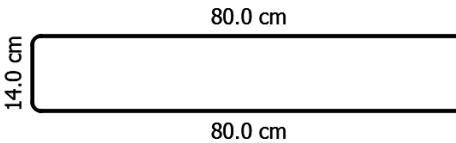
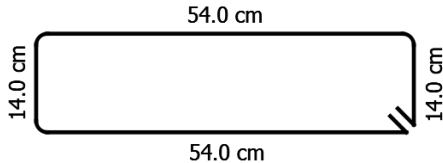
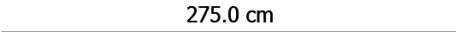
Material: Metall - Betonstahl B500 B				
Sizes used	Type	Mass per Unit Length	Total Length	Total Weight
10 mm	Ø10, Dmin=15φ	0.65 kg/m	1065.88 m	692.82 kg
10 mm	Ø10, Dmin=4φ	0.65 kg/m	511.18 m	332.27 kg
12 mm	Ø12, Dmin=15φ	0.92 kg/m	2242.60 m	2063.19 kg
TOTALS				3088.28 kg

Weight Schedule – bent bars

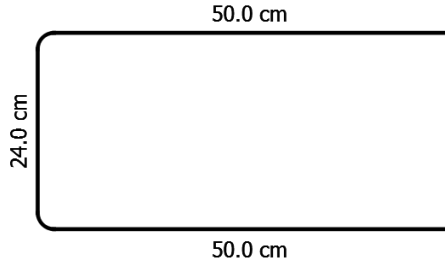
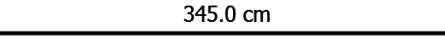
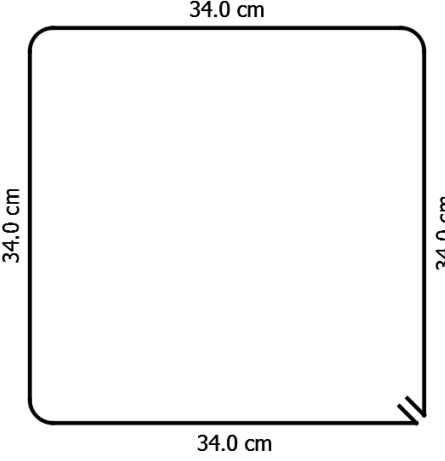
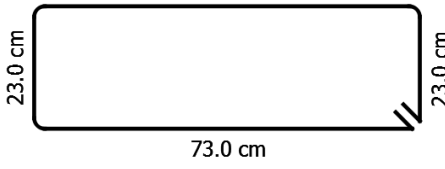
Material: Metall - Betonstahl B500 B			
Sizes used	Mass per Unit Length	Total Length	Total Weight
8 mm	0.41 kg/m	1195.04 m	489.97 kg
10 mm	0.65 kg/m	1821.26 m	1183.82 kg
10 mm	0.65 kg/m	3123.62 m	2030.35 kg
TOTALS			3704.14 kg

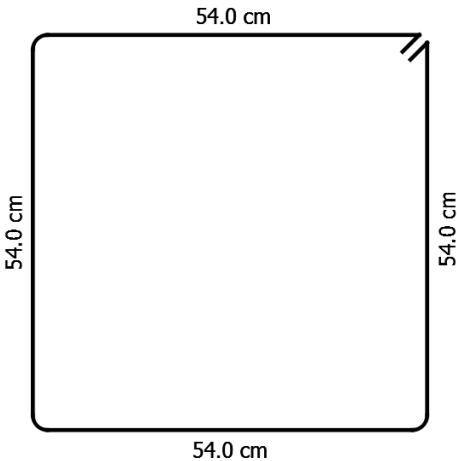
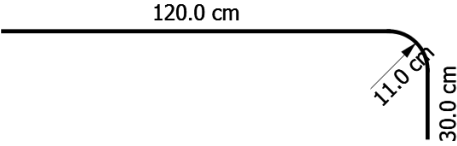
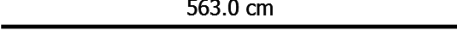
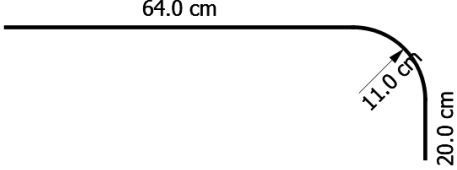
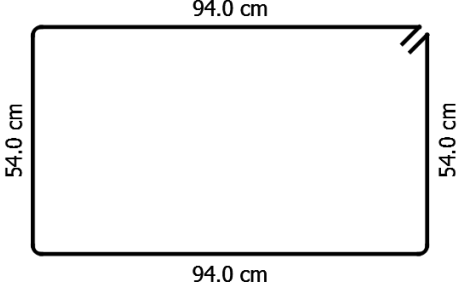
Rebar Bending Schedule

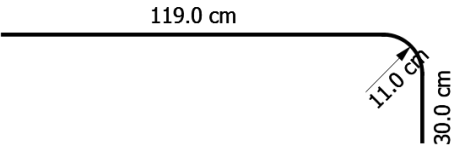
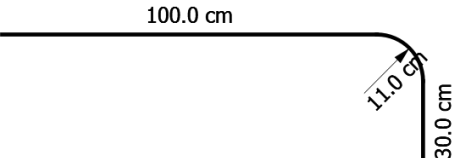
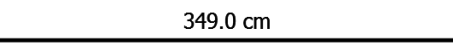
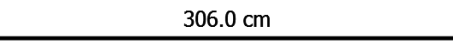
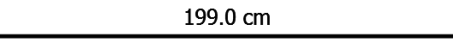
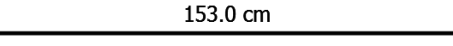
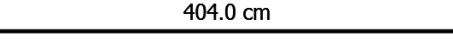
Member	Bar Mark	Bar Diameter	Length of each bar	Total No.	Total Length	Bend Diameter	Shape Code	Hook Start/End	A	B	C	D	E / R	H _{Start} / H _{End}	Rev
	1	8 mm	1.68 m	53	89.04 m	32 mm	31	2 2	23.0 cm	57.0 cm	23.0 cm	57.0 cm		6.3 cm 6.3 cm	
															
	2	8 mm	1.40 m	103	144.20 m	32 mm	21		65.0 cm	13.0 cm	65.0 cm				
															
	3	8 mm	0.91 m	663	603.33 m	32 mm	21		40.0 cm	14.0 cm	40.0 cm				
															
	4	8 mm	1.71 m	149	254.79 m	32 mm	21		80.0 cm	14.0 cm	80.0 cm				

Member	Bar Mark	Bar Diameter	Length of each bar	Total No.	Total Length	Bend Diameter	Shape Code	Hook Start/End	A	B	C	D	E / R	H _{Start} / H _{End}	Rev																																																																
																																																																															
	5	8 mm	1.44 m	72	103.68 m	32 mm	31	2 2	54.0 cm	14.0 cm	54.0 cm	14.0 cm		6.3 cm	6.3 cm																																																																
																																																																															
	6	10 mm	2.75-AVG.	23	63.25 m	150 mm	00		VAR.																																																																						
									-A- <table><tr><th>Mark</th><th>Quantity</th><th>Length</th><th>A</th></tr><tr><td>6.1</td><td>18</td><td>275.0 cm</td><td>275.0 cm</td></tr><tr><td>6.2</td><td>5</td><td>276.0 cm</td><td>276.0 cm</td></tr></table>							Mark	Quantity	Length	A	6.1	18	275.0 cm	275.0 cm	6.2	5	276.0 cm	276.0 cm																																																				
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6.1	18	275.0 cm	275.0 cm																																																																												
6.2	5	276.0 cm	276.0 cm																																																																												
	7	10 mm	2.75 m	24	66.00 m	150 mm	00		275.0 cm																																																																						
																																																																															
	8	10 mm	4.11-AVG.	15	61.65 m	150 mm	00		VAR.																																																																						
									-A- <table><tr><th>Mark</th><th>Quantity</th><th>Length</th><th>A</th></tr><tr><td>8.1</td><td>1</td><td>358.0 cm</td><td>358.0 cm</td></tr><tr><td>8.2</td><td>1</td><td>366.0 cm</td><td>366.0 cm</td></tr><tr><td>8.3</td><td>1</td><td>373.0 cm</td><td>373.0 cm</td></tr><tr><td>8.4</td><td>1</td><td>381.0 cm</td><td>381.0 cm</td></tr><tr><td>8.5</td><td>1</td><td>388.0 cm</td><td>388.0 cm</td></tr><tr><td>8.6</td><td>1</td><td>396.0 cm</td><td>396.0 cm</td></tr><tr><td>8.7</td><td>1</td><td>403.0 cm</td><td>403.0 cm</td></tr><tr><td>8.8</td><td>1</td><td>411.0 cm</td><td>411.0 cm</td></tr><tr><td>8.9</td><td>1</td><td>418.0 cm</td><td>418.0 cm</td></tr><tr><td>8.10</td><td>1</td><td>425.0 cm</td><td>425.0 cm</td></tr><tr><td>8.11</td><td>1</td><td>433.0 cm</td><td>433.0 cm</td></tr><tr><td>8.12</td><td>1</td><td>440.0 cm</td><td>440.0 cm</td></tr><tr><td>8.13</td><td>1</td><td>448.0 cm</td><td>448.0 cm</td></tr><tr><td>8.14</td><td>1</td><td>455.0 cm</td><td>455.0 cm</td></tr><tr><td>8.15</td><td>1</td><td>463.0 cm</td><td>463.0 cm</td></tr></table>							Mark	Quantity	Length	A	8.1	1	358.0 cm	358.0 cm	8.2	1	366.0 cm	366.0 cm	8.3	1	373.0 cm	373.0 cm	8.4	1	381.0 cm	381.0 cm	8.5	1	388.0 cm	388.0 cm	8.6	1	396.0 cm	396.0 cm	8.7	1	403.0 cm	403.0 cm	8.8	1	411.0 cm	411.0 cm	8.9	1	418.0 cm	418.0 cm	8.10	1	425.0 cm	425.0 cm	8.11	1	433.0 cm	433.0 cm	8.12	1	440.0 cm	440.0 cm	8.13	1	448.0 cm	448.0 cm	8.14	1	455.0 cm	455.0 cm	8.15	1	463.0 cm	463.0 cm
Mark	Quantity	Length	A																																																																												
8.1	1	358.0 cm	358.0 cm																																																																												
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	9	10 mm	4.10-AVG.	15	61.50 m	150 mm	00		VAR.																																																																						

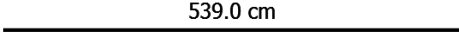
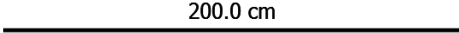
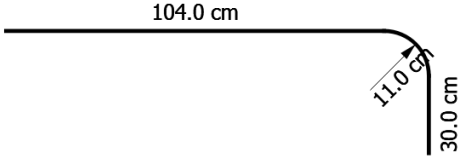
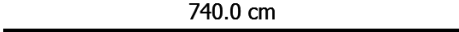
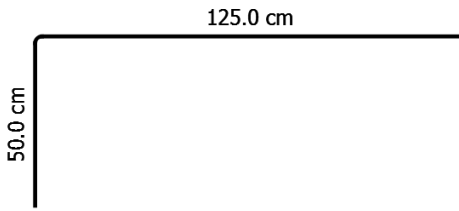
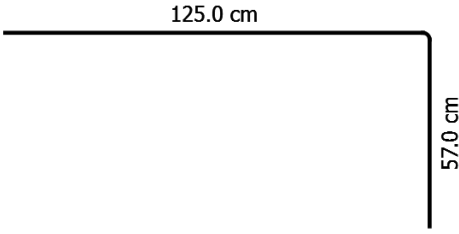
Member	Bar Mark	Bar Diameter	Length of each bar	Total No.	Total Length	Bend Diameter	Shape Code	Hook Start/End	A	B	C	D	E / R	H _{Start} / H _{End}	Rev
									-A-						
	10	10 mm	3.28 m	28	91.84 m	150 mm	00		328.0 cm						
									328.0 cm						
	11	10 mm	1.96 m	36	70.56 m	150 mm	00		196.0 cm						
									196.0 cm						
	12	10 mm	1.66 m	20	33.20 m	150 mm	00		166.0 cm						
									166.0 cm						
	13	10 mm	1.70 m	58	98.60 m	150 mm	00		170.0 cm						
									170.0 cm						
	14	10 mm	1.20 m	365	438.00 m	40 mm	21		50.0 cm	24.0 cm	50.0 cm				

Member	Bar Mark	Bar Diameter	Length of each bar	Total No.	Total Length	Bend Diameter	Shape Code	Hook Start/End	A	B	C	D	E / R	H _{Start} / H _{End}	Rev
															
	15	10 mm	3.45 m	8	27.60 m	150 mm	00		345.0 cm						
															
	16	10 mm	1.46 m	33	48.18 m	40 mm	31	2 2	34.0 cm	34.0 cm	34.0 cm	34.0 cm		7.9 cm	7.9 cm
															
	17	10 mm	2.02 m	54	109.08 m	40 mm	31	2 2	73.0 cm	23.0 cm	73.0 cm	23.0 cm		7.9 cm	7.9 cm
															
	18	10 mm	2.26 m	614	1387.64 m	40 mm	31	2 2	54.0 cm	54.0 cm	54.0 cm	54.0 cm		7.9 cm	7.9 cm

Member	Bar Mark	Bar Diameter	Length of each bar	Total No.	Total Length	Bend Diameter	Shape Code	Hook Start/End	A	B	C	D	E / R	H _{Start} / H _{End}	Rev
															
	19	10 mm	1.44 m	1023	1473.12 m	150 mm	12		120.0 cm	30.0 cm			11.0 cm		
															
	20	10 mm	5.63 m	2	11.26 m	150 mm	00		563.0 cm						
															
	21	10 mm	0.78 m	64	49.92 m	40 mm	12		64.0 cm	20.0 cm			11.0 cm		
															
	22	10 mm	3.06 m	177	541.62 m	40 mm	31	2 2	54.0 cm	94.0 cm	54.0 cm	94.0 cm		7.9 cm 7.9 cm	
															
	23	10 mm	1.43 m	18	25.74 m	150 mm	12		119.0 cm	30.0 cm			11.0 cm		

Member	Bar Mark	Bar Diameter	Length of each bar	Total No.	Total Length	Bend Diameter	Shape Code	Hook Start/End	A	B	C	D	E / R	H _{Start} / H _{End}	Rev
															
	24	10 mm	1.24 m	260	322.40 m	150 mm	12		100.0 cm	30.0 cm			11.0 cm		
															
	25	10 mm	3.49 m	2	6.98 m	150 mm	00		349.0 cm						
															
	26	10 mm	3.06 m	2	6.12 m	150 mm	00		306.0 cm						
															
	27	10 mm	1.99 m	4	7.96 m	150 mm	00		199.0 cm						
															
	28	10 mm	1.53 m	2	3.06 m	150 mm	00		153.0 cm						
															
	29	10 mm	4.04 m	2	8.08 m	150 mm	00		404.0 cm						
															
	30	10 mm	2.45 m	2	4.90 m	150 mm	00		245.0 cm						

Member	Bar Mark	Bar Diameter	Length of each bar	Total No.	Total Length	Bend Diameter	Shape Code	Hook Start/End	A	B	C	D	E / R	H _{Start} / H _{End}	Rev
									245.0 cm						
	31	10 mm	2.48 m	2	4.96 m	150 mm	00		248.0 cm						
									248.0 cm						
	32	10 mm	2.20 m	2	4.40 m	150 mm	00		220.0 cm						
									220.0 cm						
	33	10 mm	5.75 m	2	11.50 m	150 mm	00		575.0 cm						
									575.0 cm						
	34	10 mm	5.34 m	2	10.68 m	150 mm	00		534.0 cm						
									534.0 cm						
	35	10 mm	2.00 m	2	4.00 m	150 mm	00		200.0 cm						
									200.0 cm						
	36	10 mm	3.69 m	2	7.38 m	150 mm	00		369.0 cm						
									369.0 cm						
	37	10 mm	5.39 m	2	10.78 m	150 mm	00		539.0 cm						

Member	Bar Mark	Bar Diameter	Length of each bar	Total No.	Total Length	Bend Diameter	Shape Code	Hook Start/End	A	B	C	D	E / R	H _{Start} / H _{End}	Rev
															
	38	10 mm	2.00 m	16	32.00 m	40 mm	00		200.0 cm						
															
	39	10 mm	1.28 m	236	302.08 m	40 mm	12		104.0 cm	30.0 cm			11.0 cm		
															
	40	10 mm	7.40 m	4	29.60 m	40 mm	00		740.0 cm						
															
	41	10 mm	1.73 m	70	121.10 m	40 mm	11		50.0 cm	125.0 cm					
															
	42	10 mm	1.80 m	70	126.00 m	40 mm	11		125.0 cm	57.0 cm					
															
	43	10 mm	12.00 m	28	336.00 m	150 mm	00		1200.0 cm						
															

Member	Bar Mark	Bar Diameter	Length of each bar	Total No.	Total Length	Bend Diameter	Shape Code	Hook Start/End	A	B	C	D	E / R	H _{Start} / H _{End}	Rev
	44	10 mm	4.07 m	2	8.14 m	150 mm	00		407.0 cm						
									407.0 cm						
	45	10 mm	7.45 m	2	14.90 m	150 mm	00		745.0 cm						
									745.0 cm						
	46	10 mm	5.22 m	2	10.44 m	150 mm	00		522.0 cm						
									522.0 cm						
	47	10 mm	3.60 m	2	7.20 m	150 mm	00		360.0 cm						
									360.0 cm						
	48	10 mm	1.67 m	2	3.34 m	150 mm	00		167.0 cm						
									167.0 cm						
	49	10 mm	12.00 m	28	336.00 m	40 mm	00		1200.0 cm						
									1200.0 cm						
	50	10 mm	2.72 m	4	10.88 m	40 mm	00		272.0 cm						
									272.0 cm						
	51	10 mm	2.50 m	12	30.00 m	40 mm	00		250.0 cm						

Member	Bar Mark	Bar Diameter	Length of each bar	Total No.	Total Length	Bend Diameter	Shape Code	Hook Start/End	A	B	C	D	E / R	H _{Start} / H _{End}	Rev
									250.0 cm						
	52	10 mm	7.45 m	6	44.70 m	40 mm	00		745.0 cm						
									745.0 cm						
	53	10 mm	1.60 m	6	9.60 m	150 mm	00		160.0 cm						
									160.0 cm						
	54	10 mm	7.00 m	4	28.00 m	40 mm	00		700.0 cm						
									700.0 cm						
	55	12 mm	3.74 m	10	37.40 m	180 mm	00		374.0 cm						
									374.0 cm						
	56	12 mm	1.94 m	10	19.40 m	180 mm	00		194.0 cm						
									194.0 cm						
	57	12 mm	1.64 m	22	36.08 m	180 mm	00		164.0 cm						
									164.0 cm						
	58	12 mm	6.65 m	8	53.20 m	180 mm	00		665.0 cm						

Member	Bar Mark	Bar Diameter	Length of each bar	Total No.	Total Length	Bend Diameter	Shape Code	Hook Start/End	A	B	C	D	E / R	H _{Start} / H _{End}	Rev
									665.0 cm						
	59	12 mm	6.40 m	10	64.00 m	180 mm	00		640.0 cm						
									640.0 cm						
	60	12 mm	5.71 m	12	68.52 m	180 mm	00		571.0 cm						
									571.0 cm						
	61	12 mm	5.54 m	12	66.48 m	180 mm	00		554.0 cm						
									554.0 cm						
	62	12 mm	5.84 m	12	70.08 m	180 mm	00		584.0 cm						
									584.0 cm						
	63	12 mm	2.61 m	12	31.32 m	180 mm	00		261.0 cm						
									261.0 cm						
	64	12 mm	2.54 m	24	60.96 m	180 mm	00		254.0 cm						
									254.0 cm						
	65	12 mm	3.99 m	12	47.88 m	180 mm	00		399.0 cm						

Member	Bar Mark	Bar Diameter	Length of each bar	Total No.	Total Length	Bend Diameter	Shape Code	Hook Start/End	A	B	C	D	E / R	H _{Start} / H _{End}	Rev
									399.0 cm						
	66	12 mm	5.49 m	12	65.88 m	180 mm	00		549.0 cm						
									549.0 cm						
	67	12 mm	3.89 m	12	46.68 m	180 mm	00		389.0 cm						
									389.0 cm						
	68	12 mm	2.26 m	12	27.12 m	180 mm	00		226.0 cm						
									226.0 cm						
	69	12 mm	1.99 m	12	23.88 m	180 mm	00		199.0 cm						
									199.0 cm						
	70	12 mm	3.00 m	12	36.00 m	180 mm	00		300.0 cm						
									300.0 cm						
	71	12 mm	2.00 m	12	24.00 m	180 mm	00		200.0 cm						
									200.0 cm						
	72	12 mm	3.40 m	7	23.80 m	180 mm	00		340.0 cm						

Member	Bar Mark	Bar Diameter	Length of each bar	Total No.	Total Length	Bend Diameter	Shape Code	Hook Start/End	A	B	C	D	E / R	H _{Start} / H _{End}	Rev
									340.0 cm						
	73	12 mm	2.20 m	7	15.40 m	180 mm	00		220.0 cm						
									220.0 cm						
	74	12 mm	12.00 m	96	1152.00 m	180 mm	00		1200.0 cm						
									1200.0 cm						
	75	12 mm	3.80 m	12	45.60 m	180 mm	00		380.0 cm						
									380.0 cm						
	76	12 mm	5.30 m	12	63.60 m	180 mm	00		530.0 cm						
									530.0 cm						
	77	12 mm	4.14 m	12	49.68 m	180 mm	00		414.0 cm						
									414.0 cm						
	78	12 mm	7.60 m	12	91.20 m	180 mm	00		760.0 cm						
									760.0 cm						
	79	12 mm	1.87 m	12	22.44 m	180 mm	00		187.0 cm						

Member	Bar Mark	Bar Diameter	Length of each bar	Total No.	Total Length	Bend Diameter	Shape Code	Hook Start/End	A	B	C	D	E / R	H _{Start} / H _{End}	Rev
									187.0 cm						

Fabric Schedule

Member	Fabric Mark	Type	Weight	Total No.	Total Weight	Length x Width	Shape Code	A	B	C	D	E / R	Rev
	1	Q335 A	69.55 kg	2	139.10 kg	600.0 cm x 215.0 cm	00						
	2	Q335 A	16.34 kg	2	32.69 kg	141.0 cm x 215.0 cm	00						
	3	Q335 A	34.77 kg	2	69.55 kg	300.0 cm x 215.0 cm	00						
	4	Q335 A	51.12 kg	2	102.24 kg	441.0 cm x 215.0 cm	00						
	5	Q335 A	50.46 kg	2	100.93 kg	600.0 cm x 156.0 cm	00						
	6	Q335 A	11.86 kg	2	23.72 kg	141.0 cm x 156.0 cm	00						
	7	Q335 A	36.88 kg	36	1327.60 kg	600.0 cm x 114.0 cm	00						
	8	Q335 A	36.51 kg	2	73.02 kg	594.0 cm x 114.0 cm	00						

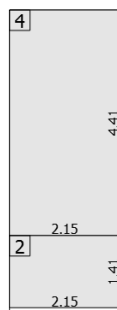
Fabric Cut List

Mattentyp Q335 A

Width: 215.0 cm;
Length: 600.0 cm;
B.Weight: 69.55 kg;
N.Weight: 69.55 kg;
Number: 2;
B. total weight: 139.10 kg;
N. total weight: 139.10 kg;

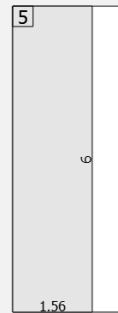


Width: 215.0 cm;
Length: 600.0 cm;
B.Weight: 69.55 kg;
N.Weight: 67.46 kg;
Number: 2;
B. total weight: 139.10 kg;
N. total weight: 134.93 kg;

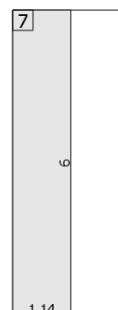


Mattentyp Q335 A

Width: 215.0 cm;
Length: 600.0 cm;
B.Weight: 69.55 kg;
N.Weight: 50.46 kg;
Number: 2;
B. total weight: 139.10 kg;
N. total weight: 100.93 kg;

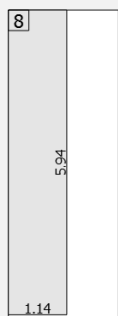


Width: 215.0 cm;
Length: 600.0 cm;
B.Weight: 69.55 kg;
N.Weight: 36.88 kg;
Number: 36;
B. total weight: 2503.80 kg;
N. total weight: 1327.60 kg;

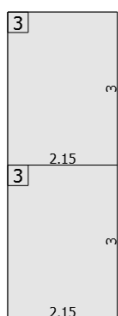


Mattentyp Q335 A

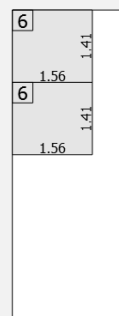
Width: 215.0 cm;
Length: 600.0 cm;
B.Weight: 69.55 kg;
N.Weight: 36.51 kg;
Number: 2;
B. total weight: 139.10 kg;
N. total weight: 73.02 kg;



Width: 215.0 cm;
Length: 600.0 cm;
B.Weight: 69.55 kg;
N.Weight: 69.55 kg;
Number: 1;
B. total weight: 69.55 kg;
N. total weight: 69.55 kg;

**Mattentyp Q335 A**

Width: 215.0 cm;
Length: 600.0 cm;
B.Weight: 69.55 kg;
N.Weight: 23.72 kg;
Number: 1;
B. total weight: 69.55 kg;
N. total weight: 23.72 kg;

**Total**

46

Brutto weight
3199.30 kgkgNetto weight
1868.84 kgkg