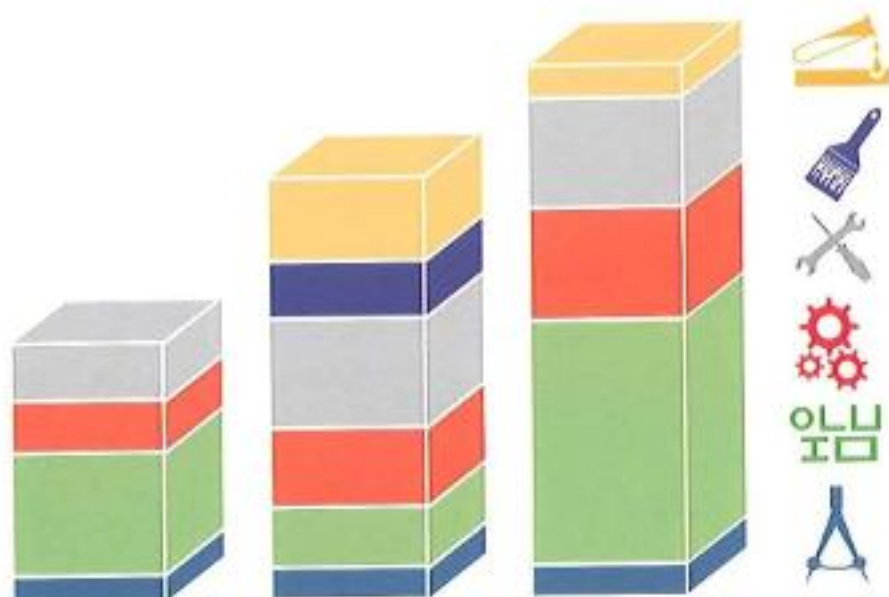







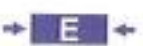





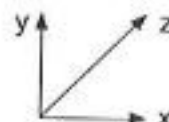
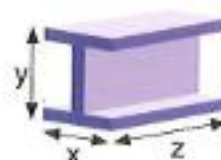
CONSTRUFIBRA S.L.



CATÁLOGO DE PRODUCTO



	TYP MR		TYP UD
	Z	X	Z
	250 MPa	20 - 60 MPa	900 MPa
	250 MPa	20 - 60 MPa	900 MPa
	25.000 MPa	9.000 MPa	40.000 MPa
	1,0 - 1,8 %		2 %
	150 - 300 MPa	30 - 60 MPa	450 MPa
	10.000 MPa	4.000 MPa	30.000 MPa
	2,0 kg / dm ³		2,1 kg / dm ³
	90 - 120 KJ / m ²		120 KJ / m ²
	> 40 barcol		> 50 barcol



70 MPa



5 - 10 kV/mm

CTI

KC 600




$12 \times 10^{-6} / \text{K}$








-100°C → +155°C (160 °C)

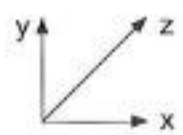
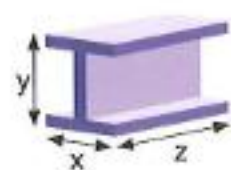


< 0,15%

	ISO		VE D411	
	20° C	50° C	20° C	50° C
AgNO ₃	●	●	●	●
AlCl ₃	●	●	●	●
Al(NO ₃) ₃	●	●	●	●
Al ₂ (SO ₄) ₃	●	●	●	●
BaCl ₂	●	●	●	●
BaCO ₂	●	●	●	●
Ba(OH) ₂	●	●	●	●
Ba(NO ₃) ₂	●	●	●	●
BaS	●	●	●	●
BaSO ₄	●	●	●	●
CaCl ₂	●	●	●	●
Ca(ClO) ₂ , 15%	●	●	●	●
Ca(OH) ₂ , 20%	●	●	●	●
Ca(NO ₃) ₂	●	●	●	●
CCl ₄ , 100%	●	●	●	●
CH ₃ -COOH, 5%	●	●	●	●
CH ₃ -COOH, 50%	●	●	●	●
CH ₃ -COOH, 75%	●	●	●	●
C ₂ H ₆ O MEK,	●	●	●	●
CHOOH, 10%	●	●	●	●
C ₂ H ₅ OH, 10%	●	●	●	●
CH ₂ OH, 100%	●	●	●	●
CO ₂	●	●	●	●
CuCl, CuCl ₂	●	●	●	●
CuSO ₄	●	●	●	●
CS ₂ , 100%	●	●	●	●
FeCl ₃	●	●	●	●
Fe(NO ₃) ₃	●	●	●	●
FeSO ₄	●	●	●	●
HBr, 10%	●	●	●	●
HCN, 10%	●	●	●	●
HCl 5%	●	●	●	●
HCl 20%	●	●	●	●
H ₂ CrO ₄ , 5%	●	●	●	●
H ₂ CrO ₄ , 10%	●	●	●	●
HNO ₃ , 5%	●	●	●	●
H ₂ O ₂ , 3%	●	●	●	●
H ₂ O+Cl ₂	●	●	●	●
H ₃ PO ₄ , 10%	●	●	●	●
H ₂ SO ₄ , 10%	●	●	●	●
H ₂ SO ₄ , 30%	●	●	●	●

	ISO		VE D411	
	20° C	50° C	20° C	50° C
KCl	●	●	●	●
KOH, 5%	●	●	●	●
KOH, 10%	●	●	●	●
KOH, 25%	●	●	●	●
KOH, 50%	●	●	●	●
K ₂ CO ₃ , 10%	●	●	●	●
KNO ₃	●	●	●	●
KMnO ₄	●	●	●	●
K ₂ SO ₄	●	●	●	●
MgCl ₂	●	●	●	●
MgCO ₂	●	●	●	●
Mg(NO ₃) ₂	●	●	●	●
MgSO ₄	●	●	●	●
NaBr	●	●	●	●
NaCl	●	●	●	●
NaCN	●	●	●	●
Na ₂ CO ₃ , 10%	●	●	●	●
NaHCO ₃ , 10%	●	●	●	●
NaHSO ₃	●	●	●	●
NaNO ₃	●	●	●	●
NaNO ₂	●	●	●	●
NaOH, 5%	●	●	●	●
NaOH, 10%	●	●	●	●
NaOH, 25%	●	●	●	●
NaOCl, 20%	●	●	●	●
Na ₂ SO ₄	●	●	●	●
Na ₂ SO ₃	●	●	●	●
Na ₂ S ₂ O ₃	●	●	●	●
NH ₃ , 1%	●	●	●	●
NH ₄ Br	●	●	●	●
NH ₄ Cl	●	●	●	●
NH ₄ F	●	●	●	●
(NH ₄) ₂ CO ₃	●	●	●	●
NH ₄ NO ₃	●	●	●	●
(NH ₄) ₂ PO ₄	●	●	●	●
(NH ₄) ₂ SO ₄	●	●	●	●
NiCl ₂	●	●	●	●
Ni(NO ₃) ₂	●	●	●	●
NiSO ₄	●	●	●	●
ZnCl ₂	●	●	●	●
ZnSO ₄	●	●	●	●

Typ MR	Z		X	
	Z	X	Z	X
	135 MPa	20 MPa	70 MPa	15 MPa
	135 MPa	20 MPa	70 MPa	15 MPa
	135 MPa	25 MPa	70 MPa	20 MPa
	17 MPa		8 MPa	



60-80 m/min



100-400 m/min



1.800-3.600 m/min
























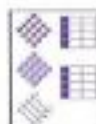



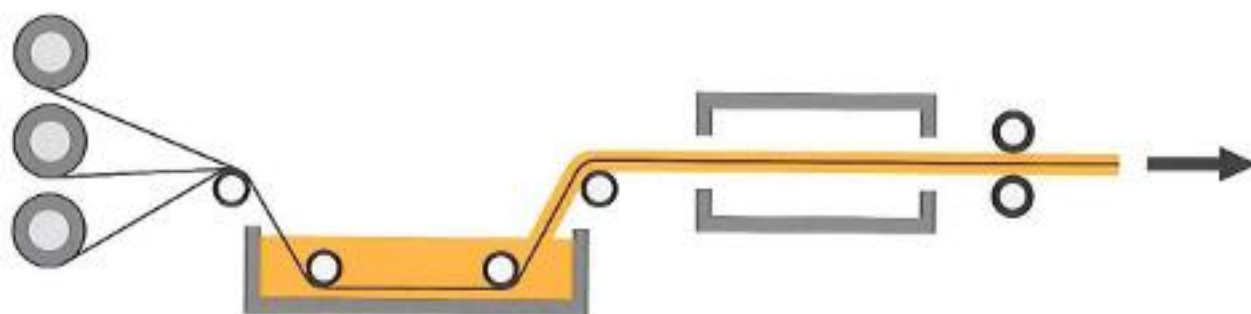
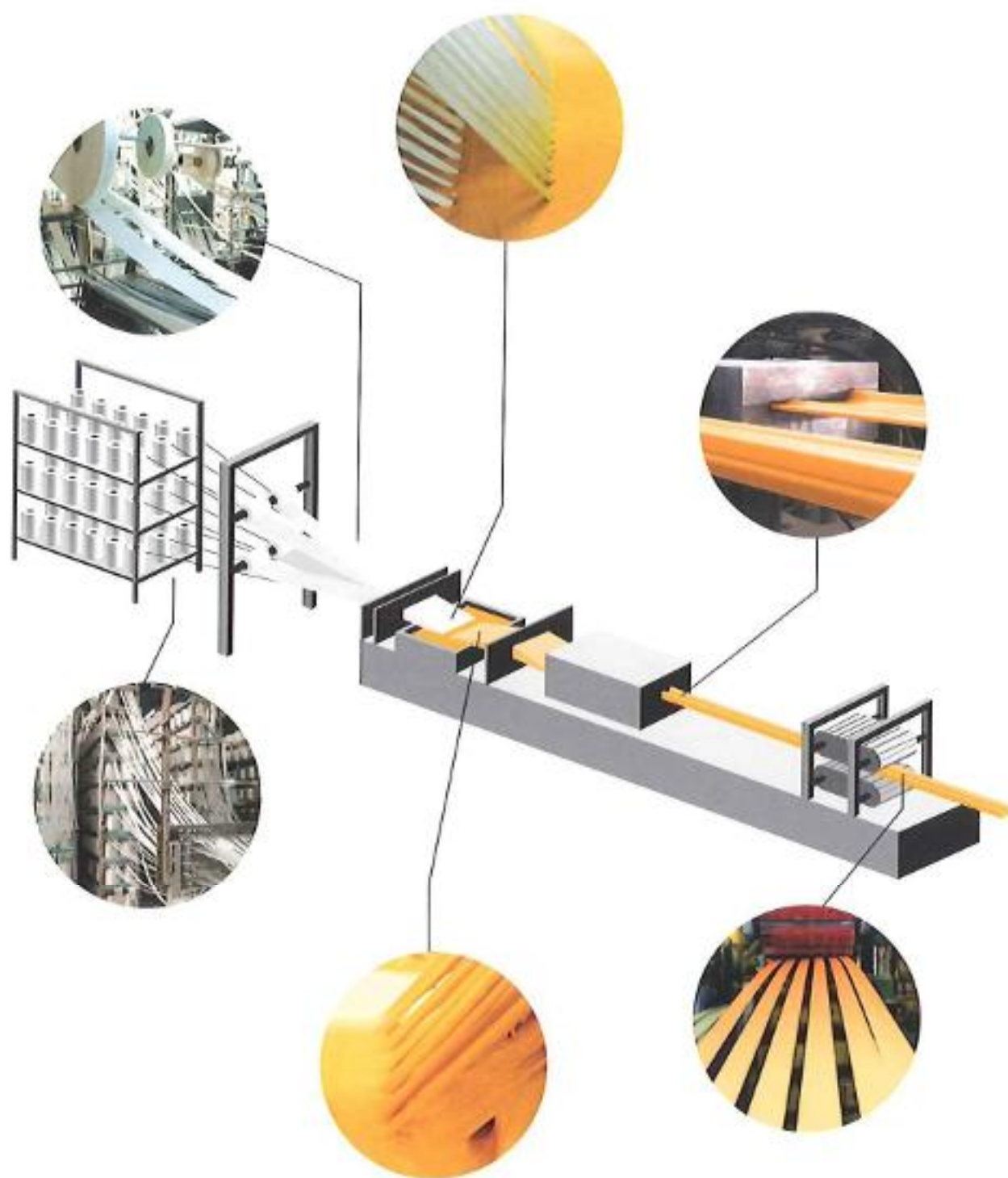
100-400 m/min



±10 mm



 05 - 05	 27 - 33	 55 - 56
 06 - 06	 33 - 35	 61 - 65
 07 - 08	 36 - 38	 71 - 72
 08 - 08	 39 - 39	 73 - 80
 09 - 09	 45 - 45	 19 - 24 40 - 44 57 - 60 66 - 70
 10 - 10	 45 - 46	
 11 - 11	 47 - 48	
 12 - 15	 49 - 49	
 15 - 18	 50 - 53	
 25 - 26	 54 - 54	



ÖNORM B 3800	B1-Test / Phenol	A	B1 Tr1 Q1
UNIFER E 10.02.977	UNI 9177	CH, I	2A
UNIFER E 10.02.977	UNI 9174	CH, I	2A
UNIFER E 10.02.977	UNI 8457 KI FT	CH, I	2A
UNIFER E 10.02.977	ISO 5680-1	CH, I	 <u>WWW</u>
UNIFER E 10.02.977	EN ISO 1716	CH, I	7639 J/g
DIN 53 438, Teil 2	5 mm	D	K 1/5 mm
DIN 54837	DIN 55 10 T2	D	S4 SR2 ST2
DIN EN 13501 -1	DIN EN ISO 9239-1	D	9,9 kW/m ² / 195% min
DIN EN 13501 -1	DIN EN ISO 11925-2	D	
DIN EN 13501 -1	(=DIN 4102-B1)	D	Bfl-s1
NFF 16 -101	NF X 70-100	F	F1/I.T.C.- Wert: 2,3
NFF 16 -101	NF X 10-702	F	F1/I.T.C.- Wert: 2,3
NFF 16 -101	NF P 92-501	F	M 2
BS 476: Part 7: 1997	8 mm	GB	class 2
BS 476: Part 7: 1997	3 mm	GB	class 2
UIC 584-2	Anlage 4	H	
NFPA 130	ASTM E 662	USA	 <u>WWW</u>
NFPA 130	ASTM E 162	USA	lg = 9,7
NFPA 255	ASTM E-84-98	USA	< 25, class A
Richtlinie 95/28/EG: 1995	Richtlinie 95/28/EG: 1995	EU	
EN ISO 11925-2: 2002	CEN/TS 45545-2: 2009	EU	
ISO 5660-1: 2002	CEN/TS 45545-2: 2009	EU	MAHRE 50,7 kW/m ²
ISO 5658-2: 2006	CEN/TS 45545-2: 2009	EU	CFE > 20 kW/m ²
ISO 5658-2: 2006	CEN/TS 45545-2: 2009	EU	De (4) 363, VOF4 431 CIT 4 min 0,01/8min 0,07
ISO 4589-2	O ₂	EU	LOI 36,2%
DIN EN 60695-11-10	UL94 V	EU	V 0

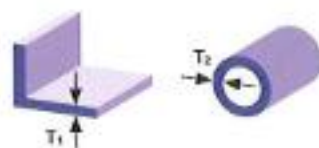




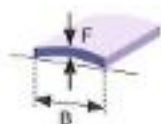
B, H (mm)	ΔH	ΔB
0 - 50	$\pm 0,20$	$\pm 0,20$
50 - 100	$\pm 0,30$	$\pm 0,30$
100 - 300	$\pm 0,35$	$\pm 0,35$
300 -	$\pm 0,40$	$\pm 0,40$



D, d (mm)	ΔD	Δd
0 - 10	$\pm 0,20$	$\pm 0,20$
10 - 20	$\pm 0,30$	$\pm 0,30$
20 - 50	$\pm 0,35$	$\pm 0,35$
50 - 100	$\pm 0,40$	$\pm 0,40$
100 -	$\pm 0,45$	$\pm 0,45$



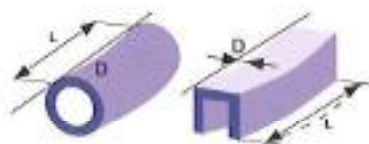
T ₁ , T ₂ (mm)	ΔT_1	ΔT_2
0 - 2	$\pm 0,15$	$\pm 0,30$
2 - 5	$\pm 0,20$	$\pm 0,35$
5 - 10	$\pm 0,35$	$\pm 0,45$
10 -	$\pm 0,45$	$\pm 0,50$



$$F < 0,006 \times B \text{ mm}$$



$$Y \pm 1,5^\circ$$



$$\leq 2 \text{ mm / m}$$



$$\leq 1^\circ / \text{m}$$

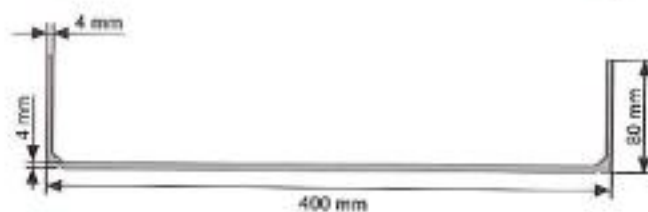
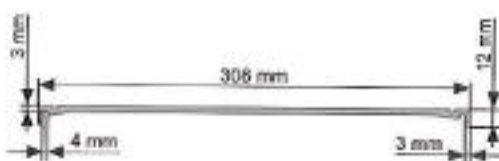
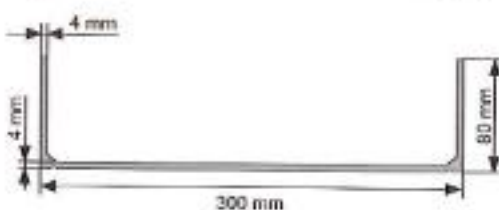


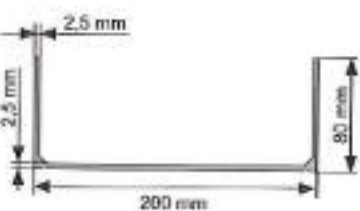
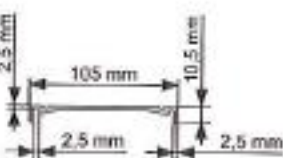
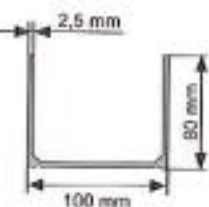
$$L + 20 / - 0 \text{ mm}$$



$$V \pm 1,5^\circ$$

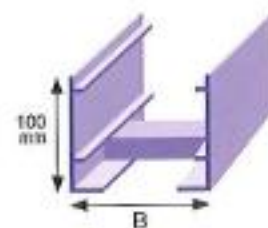
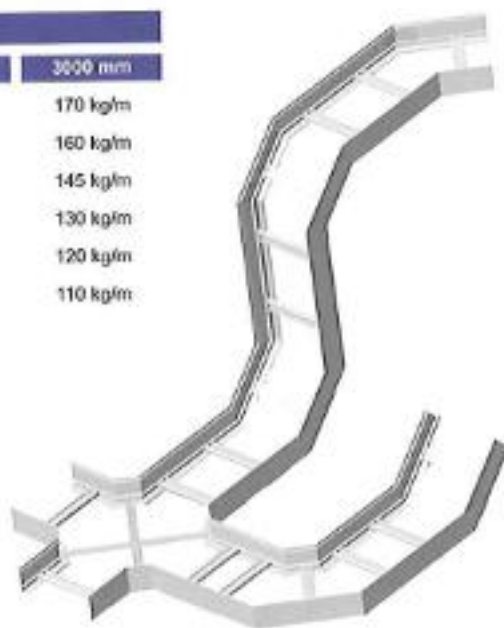
KD 400

KK 400

KD 300

KK 300

KD 200

KK 200

KD 100

KK 100


B	L		
	1000 mm	2000 mm	3000 mm
100 mm	600 kg/m	450 kg/m	170 kg/m
200 mm	600 kg/m	400 kg/m	160 kg/m
300 mm	600 kg/m	350 kg/m	145 kg/m
400 mm	350 kg/m	280 kg/m	130 kg/m
500 mm	320 kg/m	260 kg/m	120 kg/m
750 mm	300 kg/m	240 kg/m	110 kg/m

L/150 = 0,75%



SH



1,2 kg/m



SP



0,8 kg/m

B	Weight
100 mm	2,6 kg/m
200 mm	3,0 kg/m
300 mm	3,3 kg/m
400 mm	3,5 kg/m
500 mm	3,8 kg/m



KL

B	Weight
105 mm	0,7 kg/m
205 mm	1,2 kg/m
306 mm	2,1 kg/m
406 mm	2,7 kg/m
510 mm	5,3 kg/m

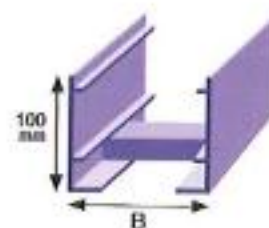


KD

B	
200/100 mm	2,8 kg
300/200 mm	2,9 kg
400/200 mm	3,0 kg
400/300 mm	3,1 kg
500/400 mm	3,3 kg



RMLI
RMRe



B	
200/100 mm	3,8 kg
300/200 mm	3,9 kg
400/200 mm	4,0 kg
400/300 mm	4,0 kg
500/400 mm	4,2 kg



RMGR

B	
100 mm	3,3 kg
200 mm	3,6 kg
300 mm	3,8 kg
400 mm	4,1 kg
500 mm	4,3 kg



BH90

B	
100 mm	2,5 kg
200 mm	2,6 kg
300 mm	2,8 kg
400 mm	2,9 kg
500 mm	3,1 kg



BH45

B	
100/100 mm	4,5 kg
200/200 mm	4,9 kg
300/300 mm	5,3 kg
400/400 mm	5,7 kg
500/500 mm	6,1 kg

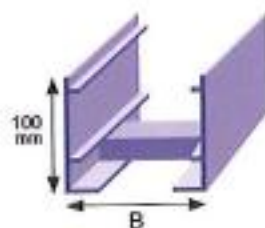


TM90

B	kg
100/100 mm	7,3 kg
200/200 mm	7,6 kg
300/300 mm	8,0 kg
400/400 mm	8,3 kg
500/500 mm	8,6 kg



KM



B	kg
100 mm	3,8 kg
200 mm	4,0 kg
300 mm	4,3 kg
400 mm	4,5 kg
500 mm	4,7 kg



BV90x

B	kg
100 mm	3,8 kg
200 mm	4,0 kg
300 mm	4,3 kg
400 mm	4,5 kg
500 mm	4,7 kg



BV90v

B	kg
100 mm	2,4 kg
200 mm	2,6 kg
300 mm	2,8 kg
400 mm	2,9 kg
500 mm	3,1 kg

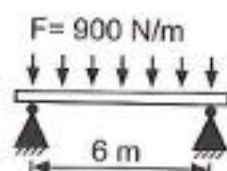


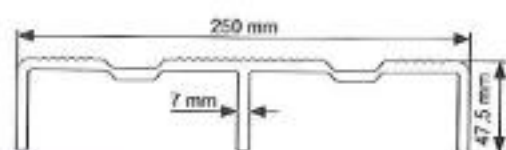
BV45x

B	kg
100 mm	2,4 kg
200 mm	2,6 kg
300 mm	2,8 kg
400 mm	2,9 kg
500 mm	3,1 kg

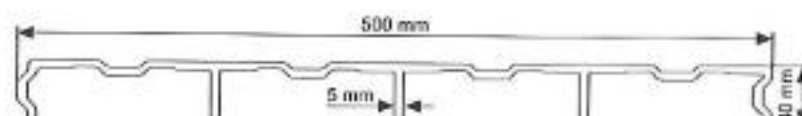


BV45v

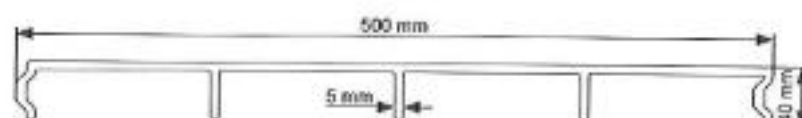



PA 50


750 mm	850 kg	3 x F	7200 kg/m ²	3 x q
900 mm	580 kg	3 x F	4160 kg/m ²	4 x q
1000 mm	470 kg	3 x F	3000 kg/m ²	5 x q
1200 mm	320 kg	4 x F	1760 kg/m ²	5 x q
1500 mm	210 kg	5 x F	880 kg/m ²	7 x q
2000 mm	115 kg	8 x F	380 kg/m ²	10 x q
3000 mm	50 kg	11 x F	108 kg/m ²	13 x q

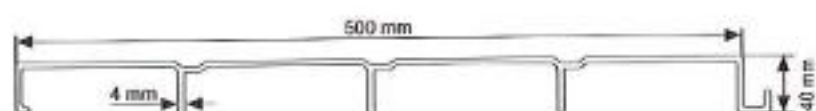
 $L/125 = 0,75\%$
kg/m²
21,2

**PA 40
A**


300 mm	3405 kg	2 x F	7203 kg/m ²	3 x q
450 mm	1545 kg	3 x F	5543 kg/m ²	4 x q
600 mm	853 kg	4 x F	2303 kg/m ²	5 x q
750 mm	565 kg	5 x F	1205 kg/m ²	7 x q
900 mm	390 kg	6 x F	680 kg/m ²	8 x q
1000 mm	312 kg	7 x F	510 kg/m ²	9 x q
1200 mm	220 kg	8 x F	294 kg/m ²	10 x q

 $L/125 = 0,75\%$
kg/m²
13,4

**PA 40
Ax**


300 mm	3405 kg	2 x F	7203 kg/m ²	3 x q
450 mm	1545 kg	3 x F	5543 kg/m ²	4 x q
600 mm	853 kg	4 x F	2303 kg/m ²	5 x q
750 mm	565 kg	5 x F	1205 kg/m ²	7 x q
900 mm	390 kg	6 x F	680 kg/m ²	8 x q
1000 mm	312 kg	7 x F	510 kg/m ²	9 x q
1200 mm	220 kg	8 x F	294 kg/m ²	10 x q

 $L/125 = 0,75\%$
kg/m²
13,2

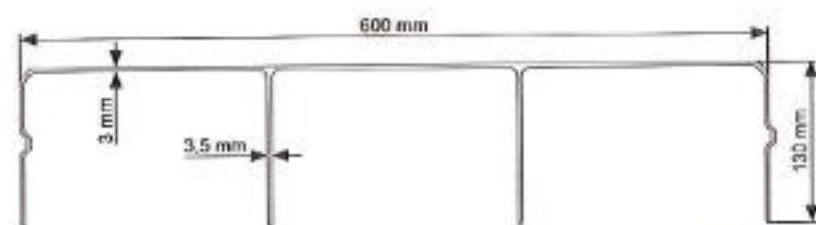

PA 40 B


300 mm	2694 kg	2 x F	6122 kg/m ²	3 x q
450 mm	1313 kg	3 x F	4711 kg/m ²	4 x q
600 mm	725 kg	4 x F	1957 kg/m ²	5 x q
750 mm	480 kg	5 x F	1024 kg/m ²	7 x q
900 mm	331 kg	6 x F	586 kg/m ²	8 x q
1000 mm	265 kg	7 x F	433 kg/m ²	9 x q
1200 mm	187 kg	8 x F	249 kg/m ²	10 x q

 $L/125 = 0,75\%$

 kg/m²

11,4


PA 130


1500 mm	2600 kg	2 x F	4700 kg/m ²	2 x q
2000 mm	1450 kg	2 x F	1970 kg/m ²	3 x q
3000 mm	660 kg	3 x F	580 kg/m ²	5 x q
4000 mm	370 kg	5 x F	246 kg/m ²	7 x q
5000 mm	235 kg	7 x F	125 kg/m ²	8 x q
6000 mm	165 kg	8 x F	73 kg/m ²	10 x q

 $L/125 = 0,75\%$

 kg/m²

12


PA 200


3000 mm	1827 kg	2 x F	894 kg/m ²	3 x q
5000 mm	579 kg	3 x F	196 kg/m ²	4 x q
6000 mm	389 kg	4 x F	112 kg/m ²	5 x q
7000 mm	275 kg	5 x F	71 kg/m ²	7 x q
9000 mm	151 kg	6 x F	31 kg/m ²	8 x q
12000 mm	56 kg	7 x F	14 kg/m ²	9 x q

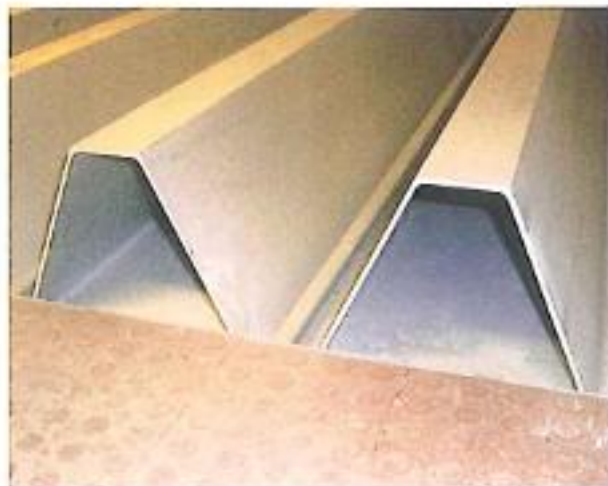
 $L/125 = 0,75\%$

 kg/m²

22,7





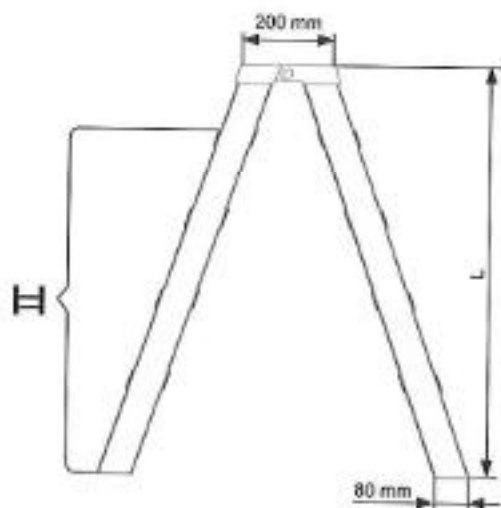
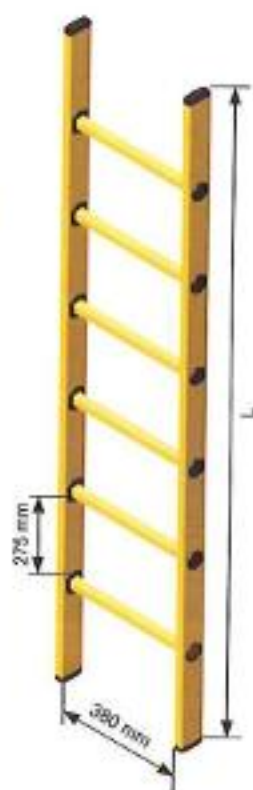




L (mm)	II	kg
1850	5	5,5
1925	6	6,5
2200	7	7,5
2475	8	8,5
2750	9	9,0
3025	10	10,5
3300	11	11,6
3575	12	12,5
3850	13	13,5
4125	14	14,5



LAD



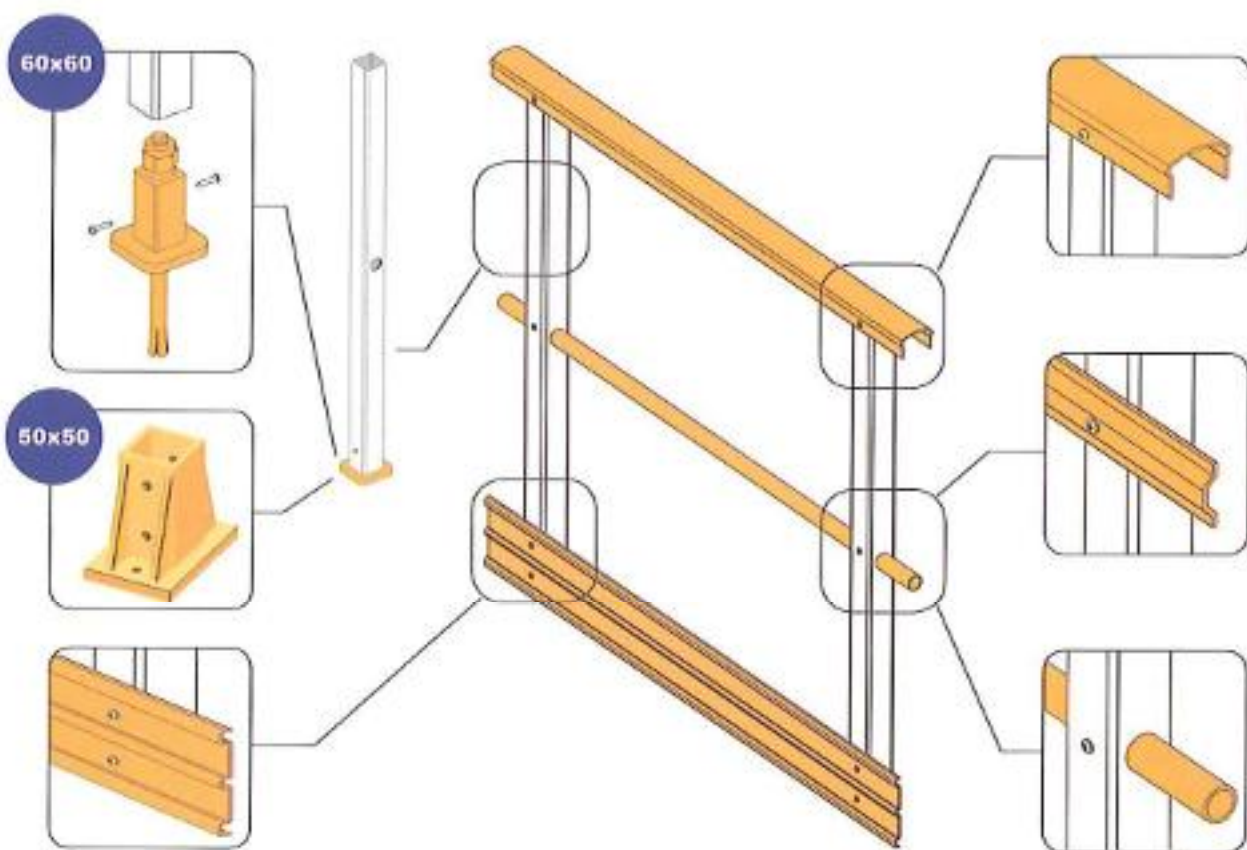
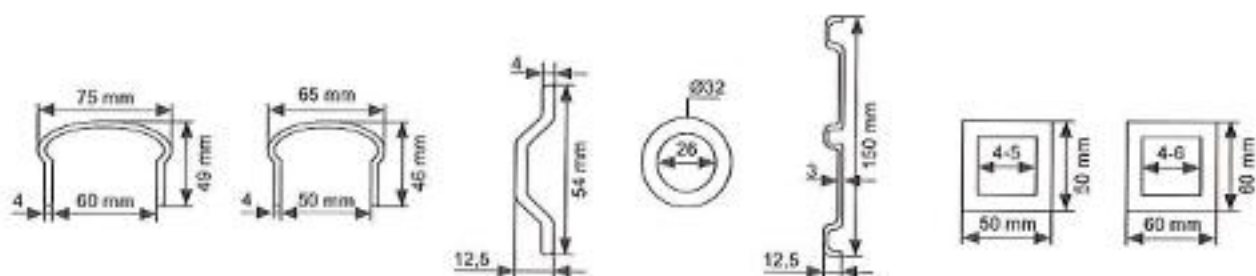
LAA

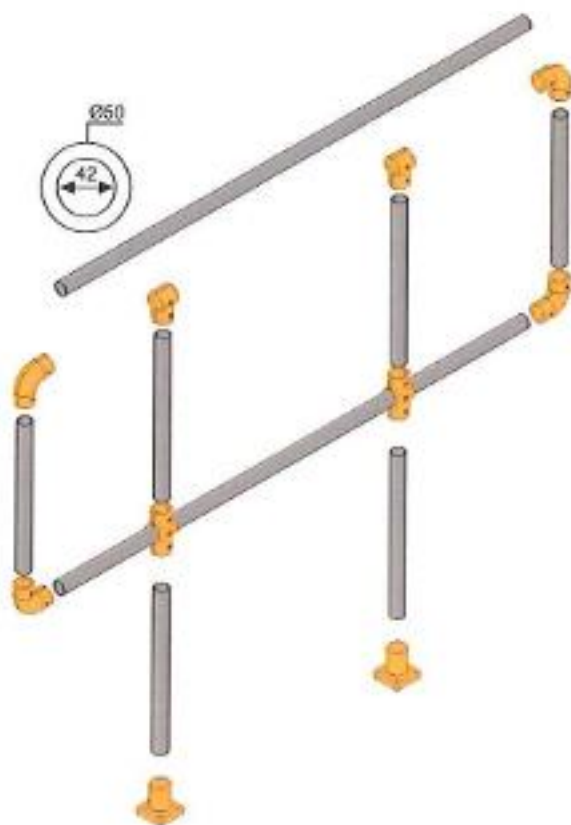
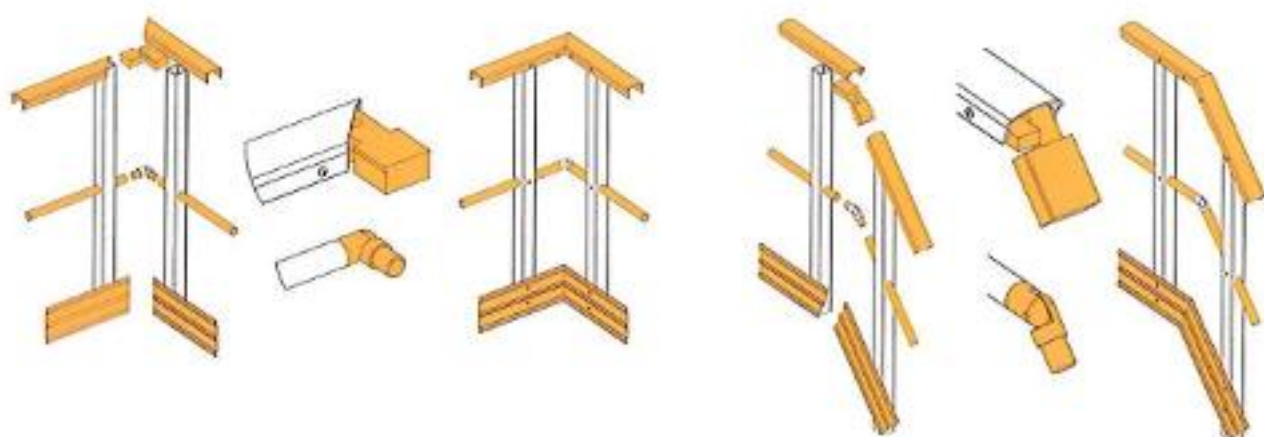


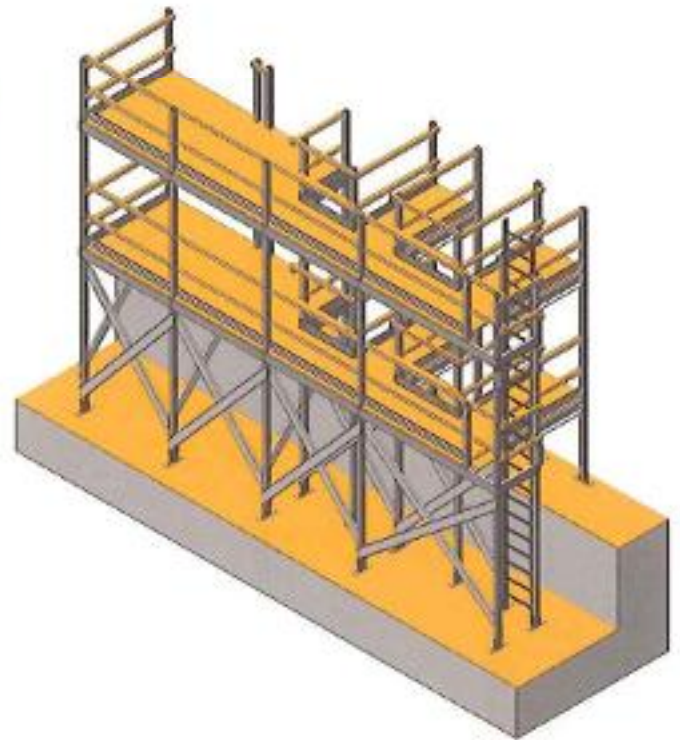
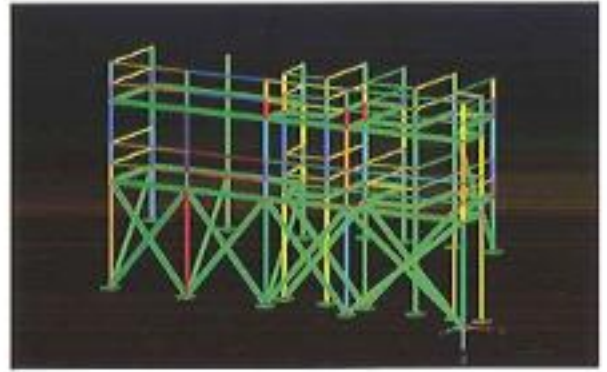
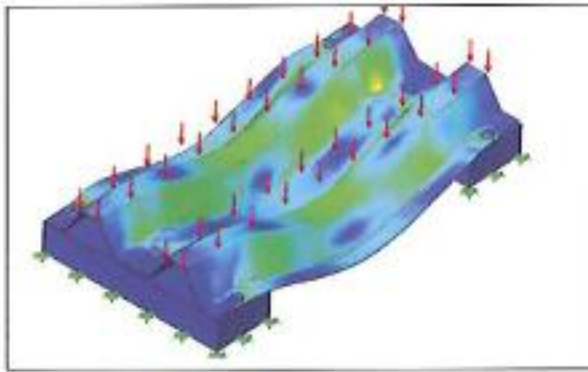
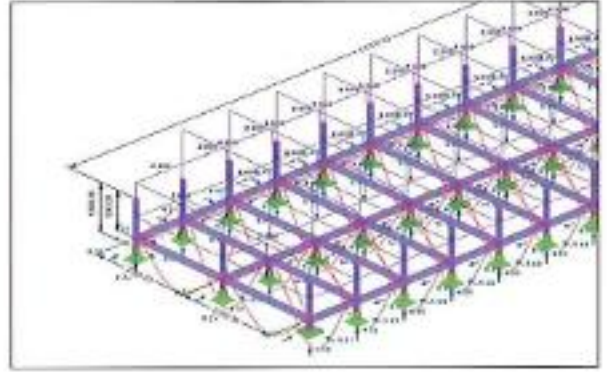
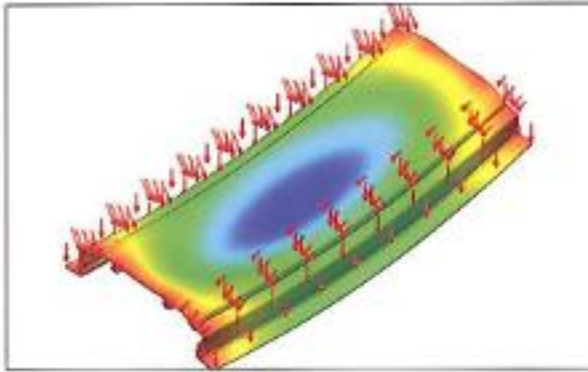
L (mm)	B (mm)	II	kg
1.056	466	3	9
1.320	497	4	11,5
1.584	528	5	13
1.848	559	6	16,5
2.112	590	7	18
2.376	621	8	20
2.640	652	9	22,5
2.904	683	10	25
3.168	714	11	28
3.432	745	12	31

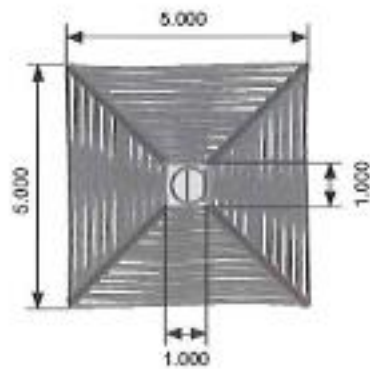
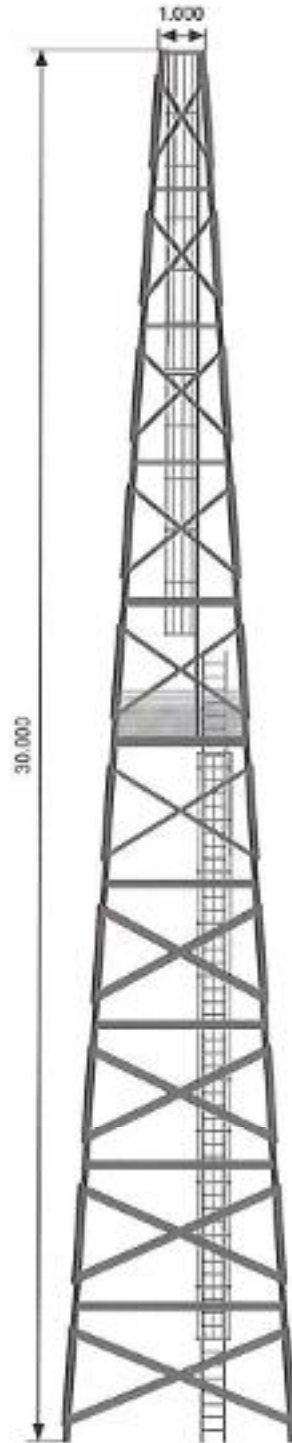
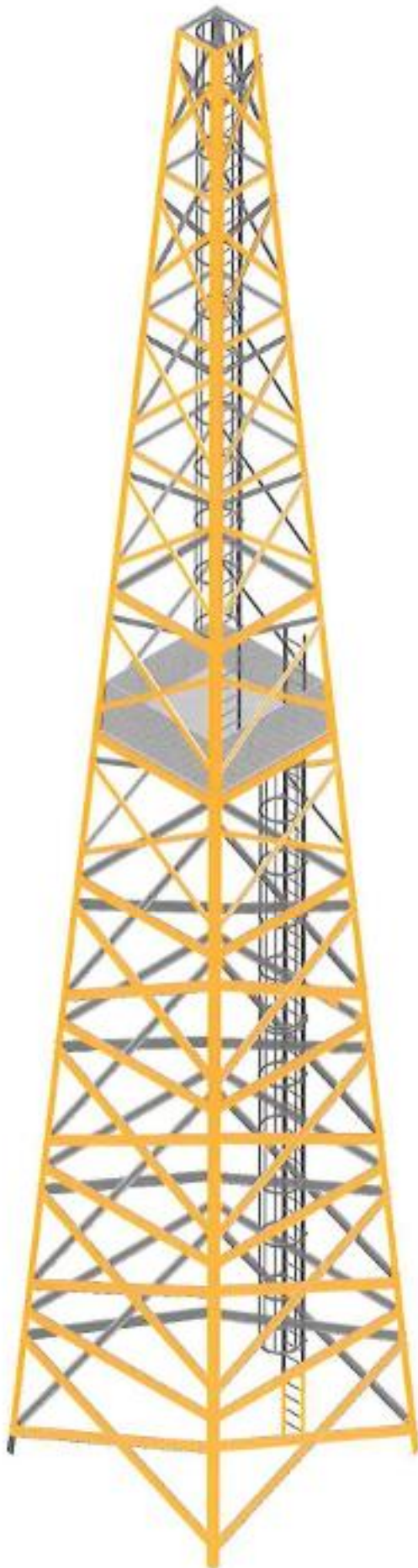


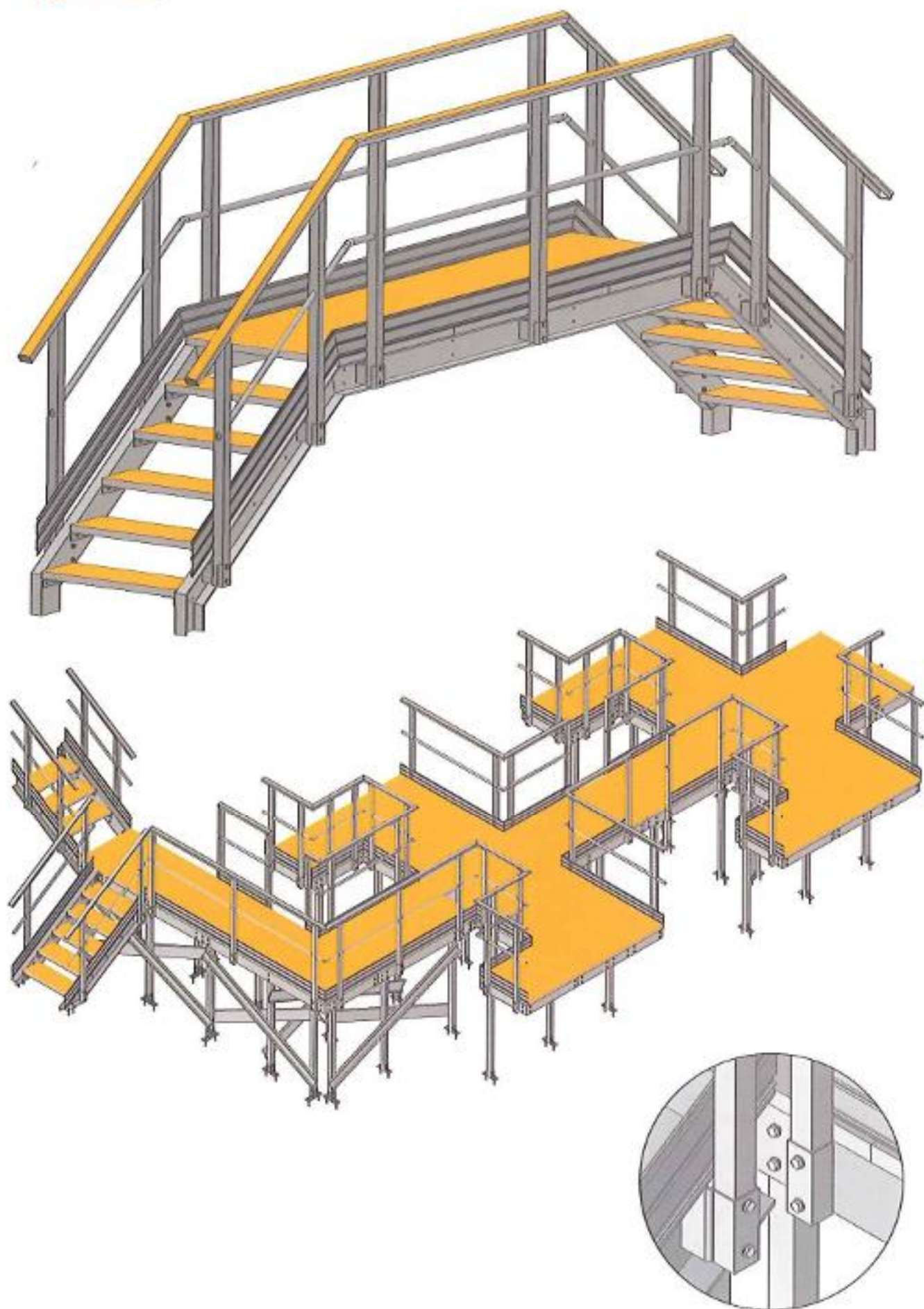


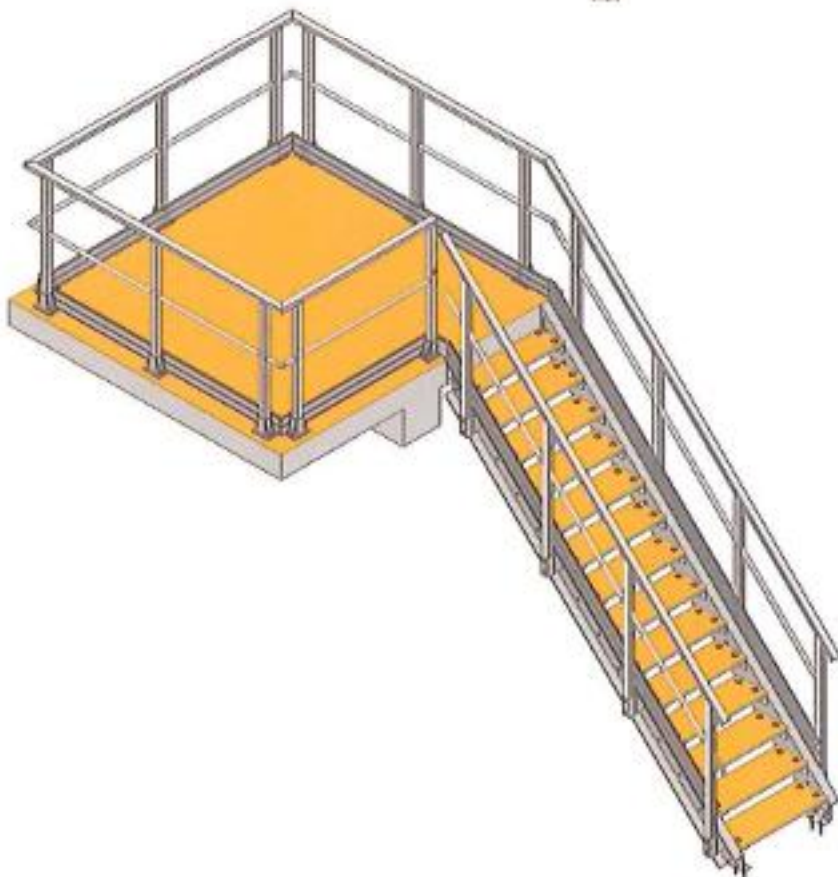
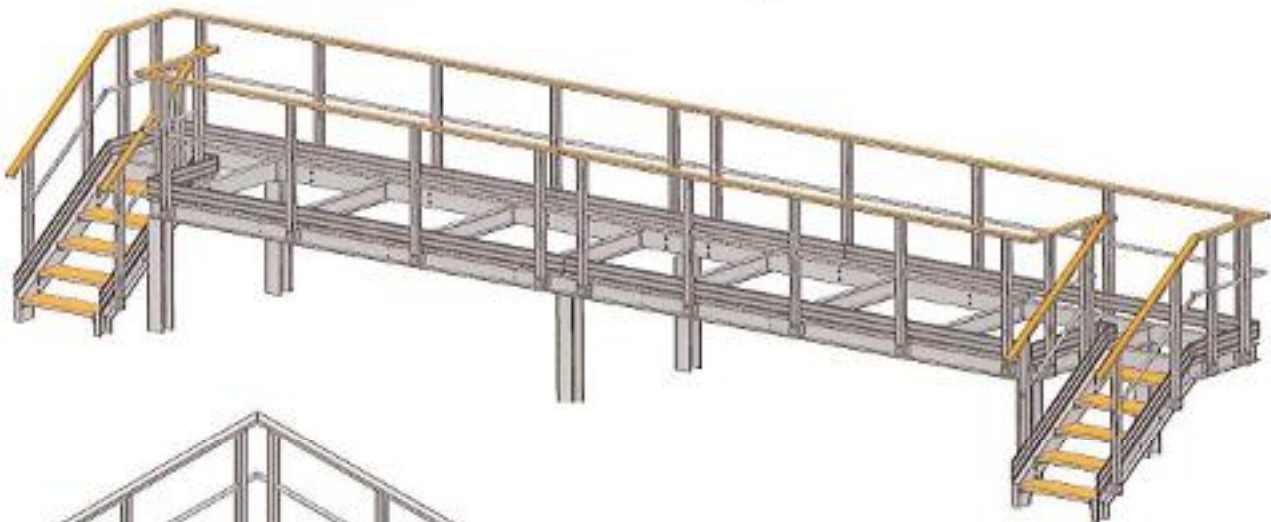
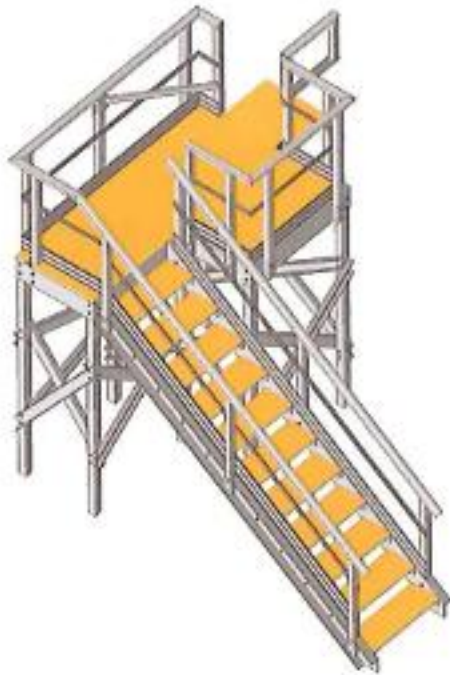


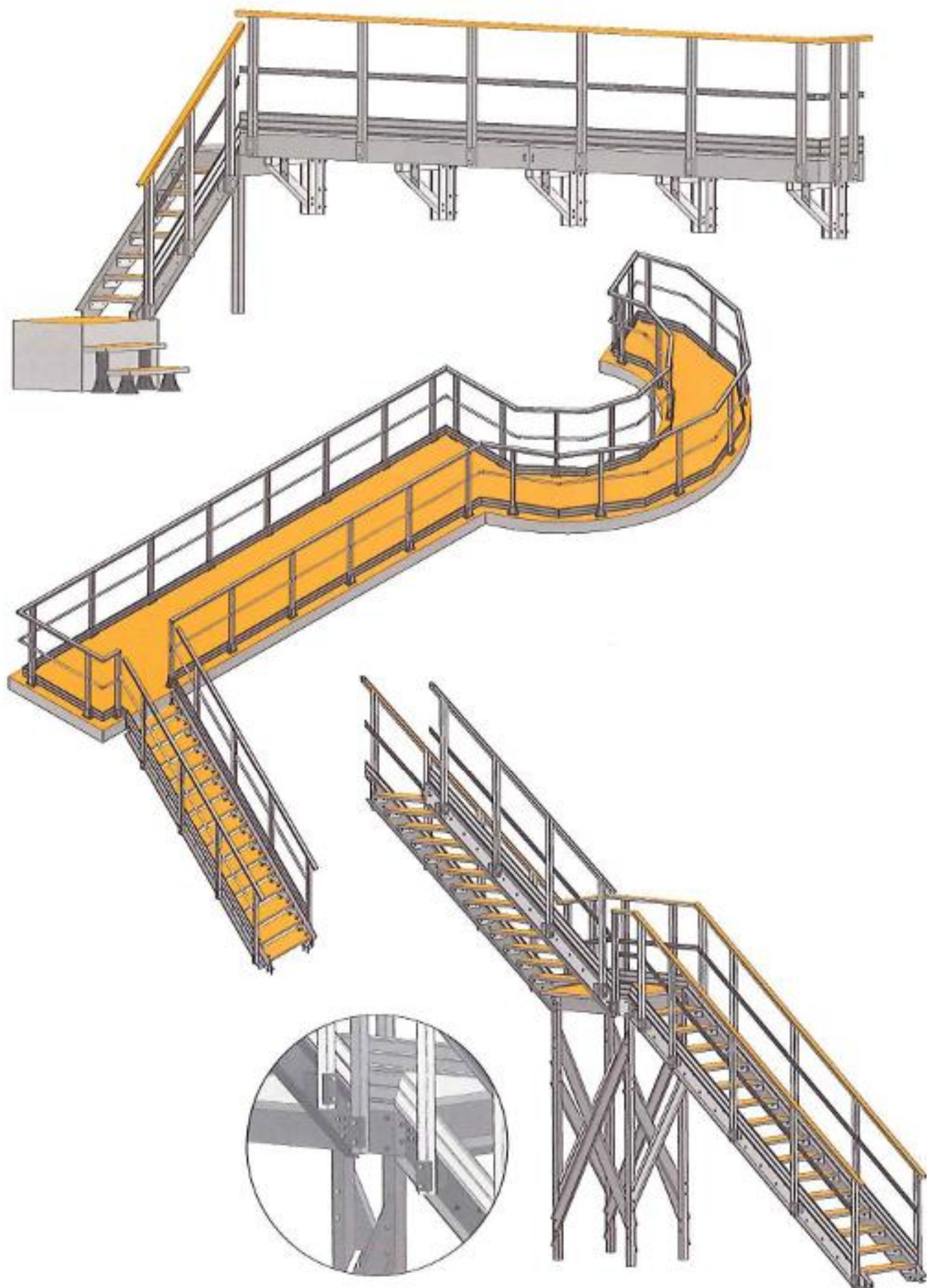


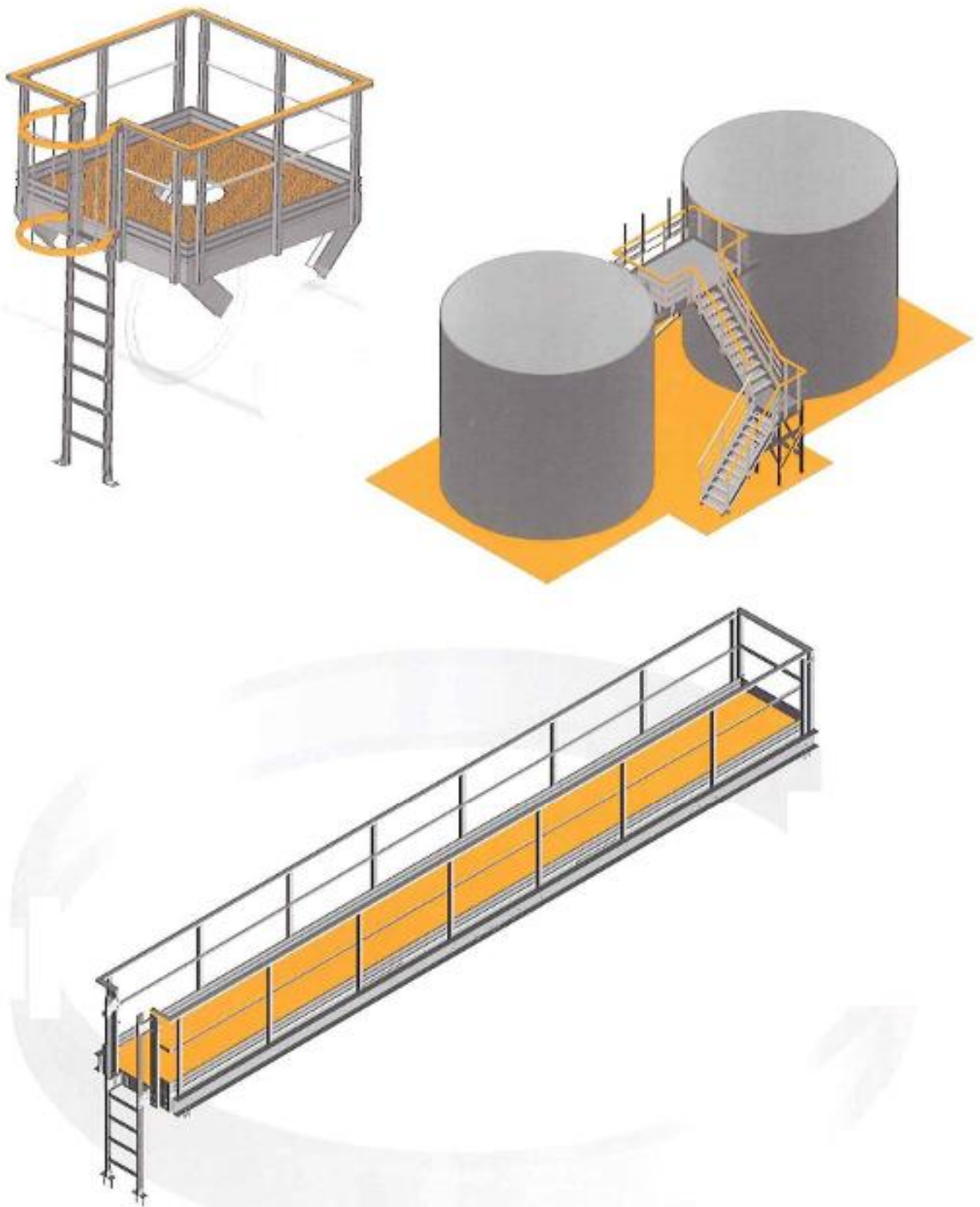


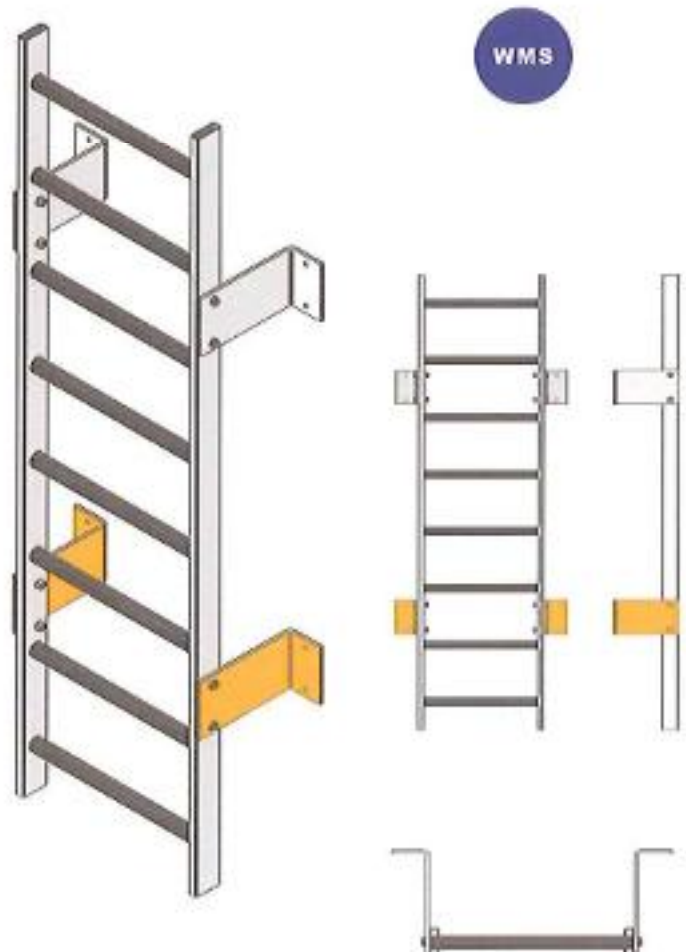


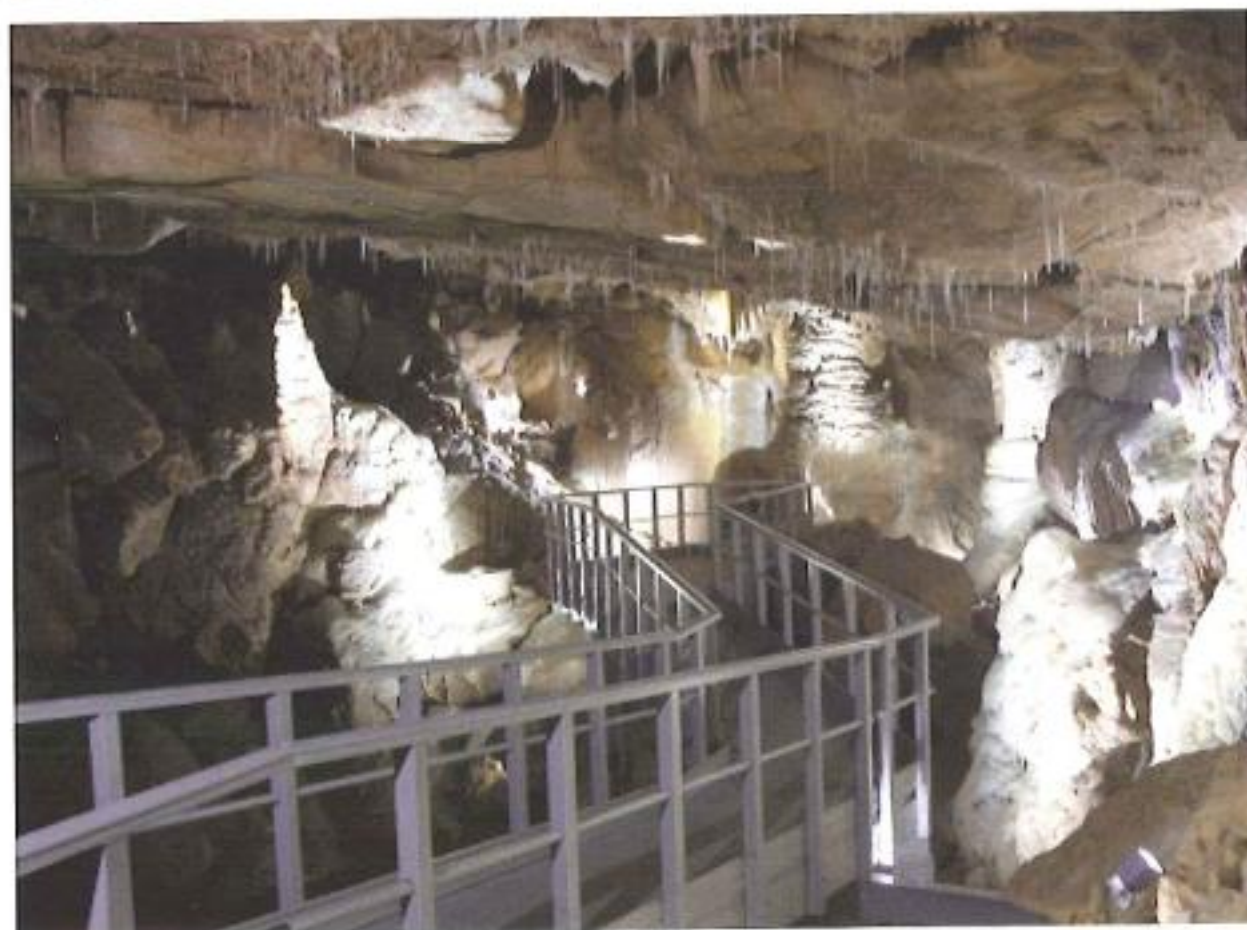


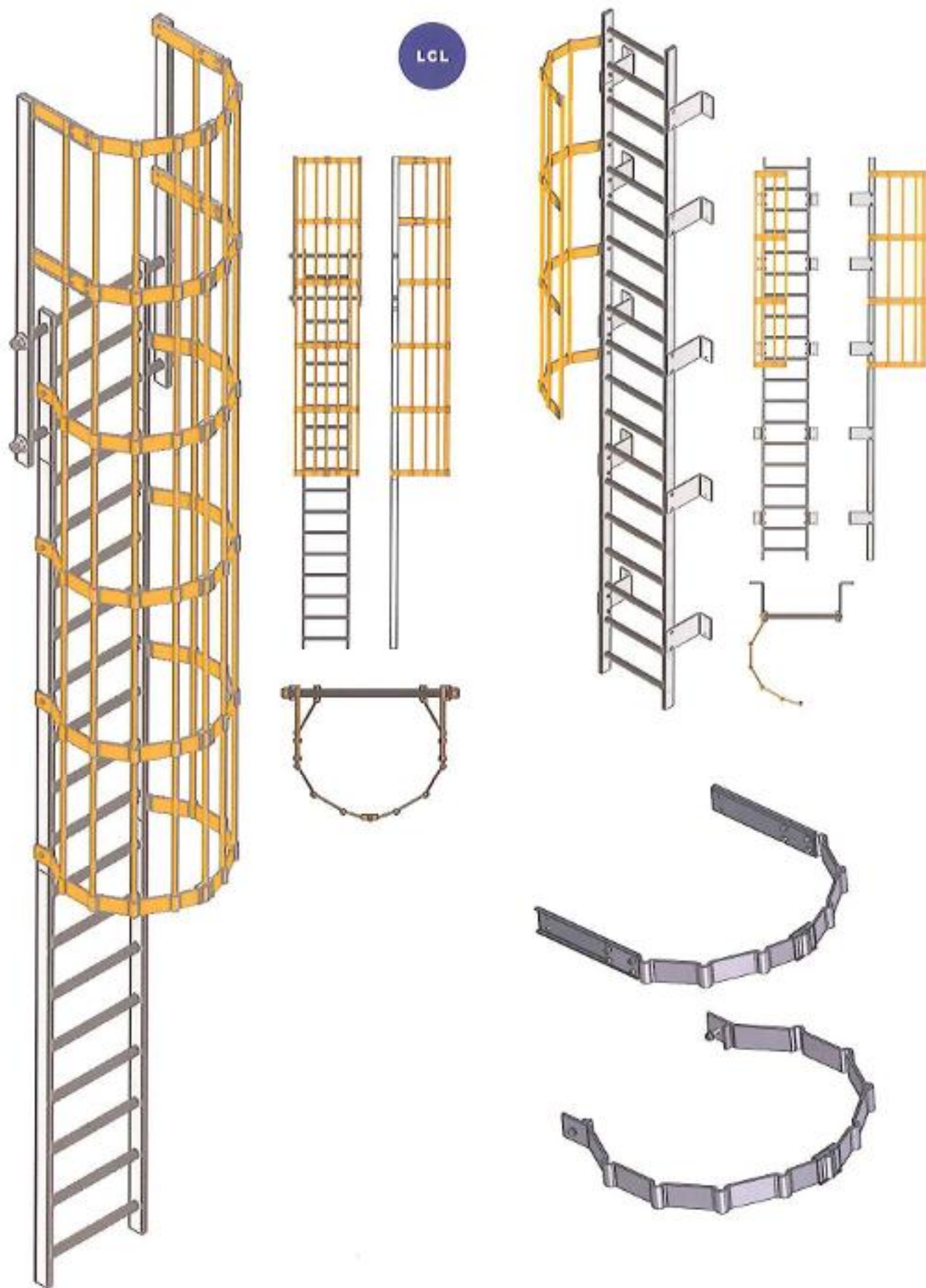






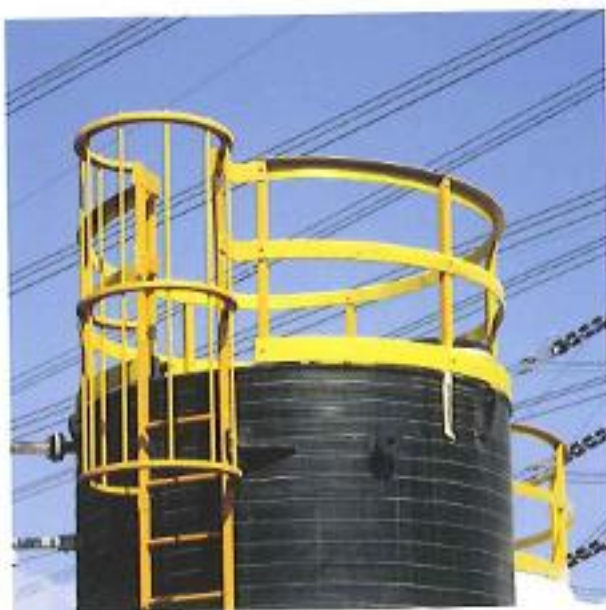












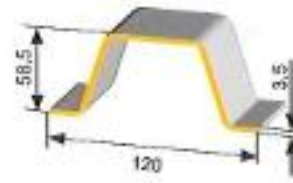
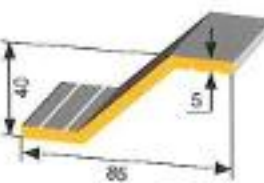
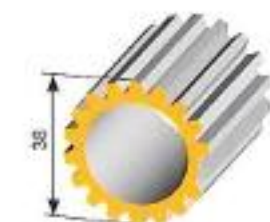
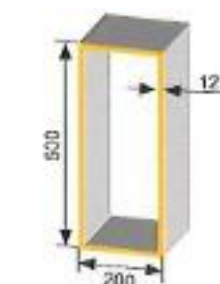
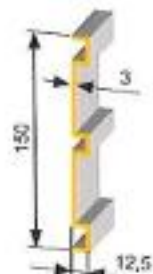
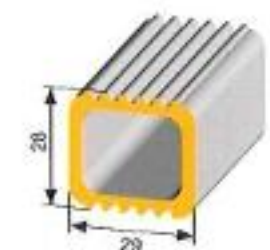
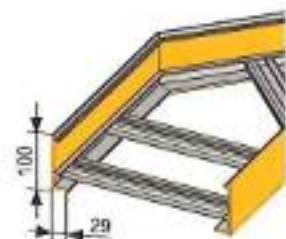
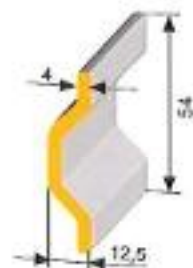
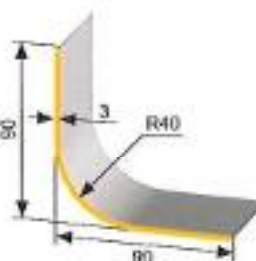
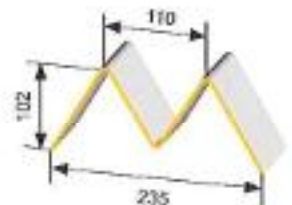
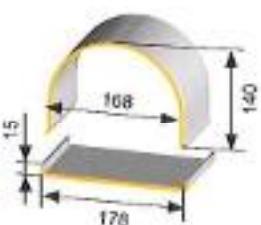
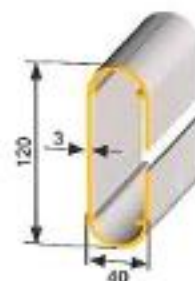
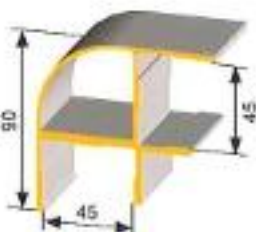
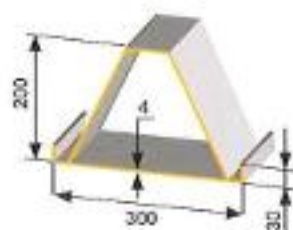
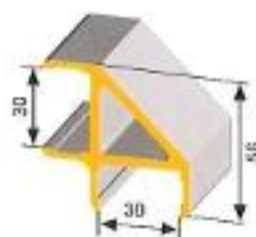
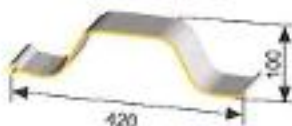
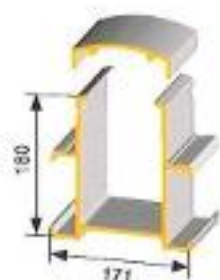
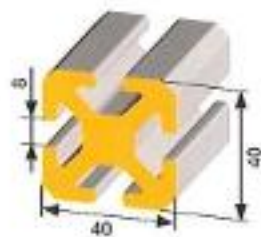
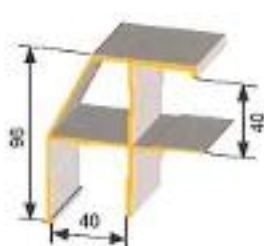
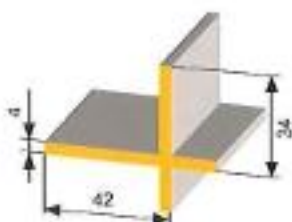
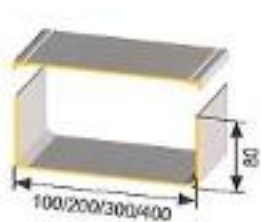




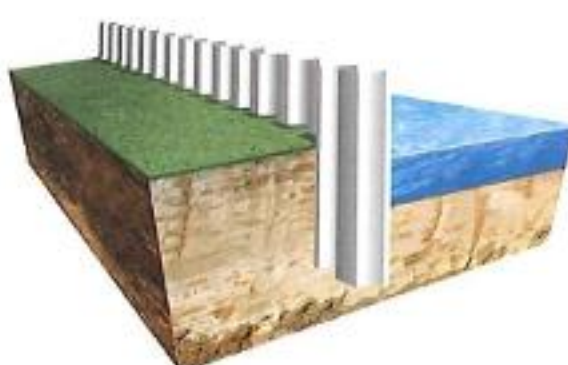
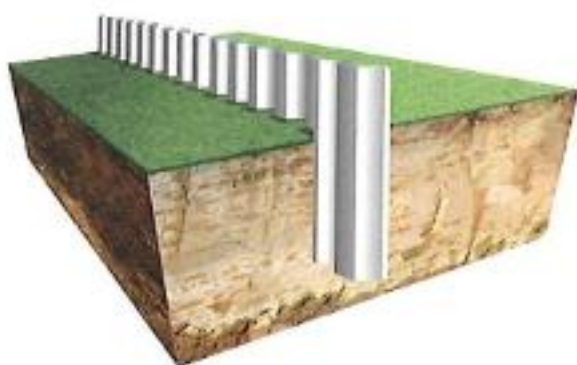
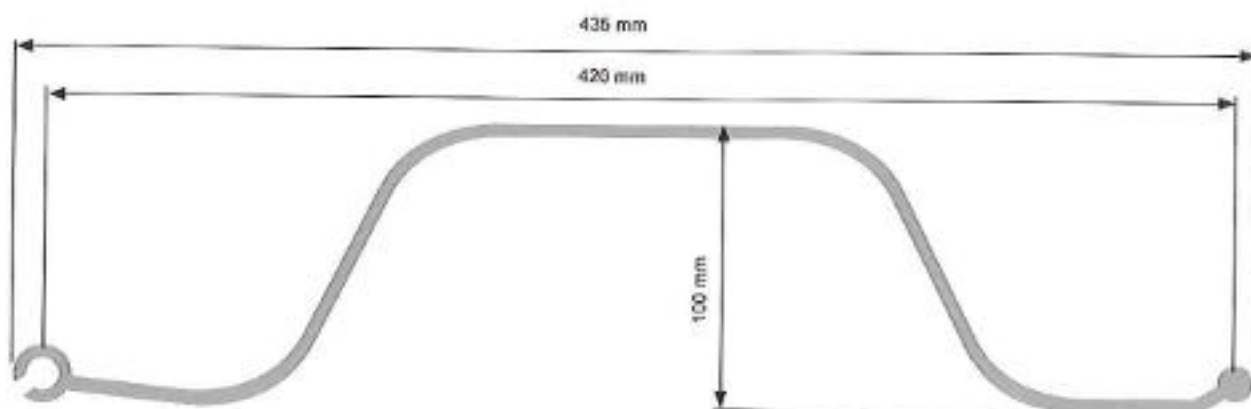




CONSTRUFIBRA S.L.









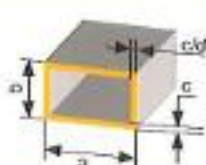




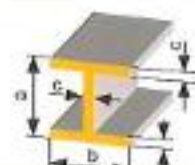




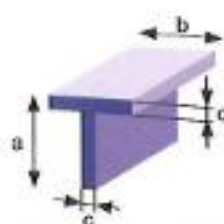
a	b	c	d	a	b	c
6	6	3,5	2	89	40	4
12	7,5	2,5		89	44,5	3,5
14	11	3,5		95	15	2,5
14	17	3		100	30	6
15	7,5	2,5		100	45	5
18	7,5	2,5		100	50	6
20	21	4		100	60	6
22,5	7,5	2,5		100	80	2,5
25	20	3		105	10,5	2,5
26	5	2,5		110	53	3
26	7,5	2,5		114	42	6
30	22	3		118	36	5
30	22	5	4	120	50	6
30	30	3		120	60	6
30	30	5		128	65	3
32	15	3		130	108	5
32,5	28,3	16	3	130	100	3
36,3	20	3	4,5	150	40	6
36,6	20	4,5	3	160	20	3
38	25	4		160	48	8
38	25	5	4	180	70	8
38	34	5		190	82	5
38,1	24	3		200	50	6
40	20	4		200	50	9
43	43	4		200	80	2,5
45	7,5	2,5		200	80	8
45	20	4		205	10,5	2,5
45	28	3	2,5	250	70	12
46	40	3		300	80	4
48	40	4		300	100	10
50	22	8	3	306	11	3
50	30	4		400	80	4
50	34	4	3	405	11	3
50	35	3,5				
58	23	3				
50	50	4				
76	30	5				
72	57	3				
80	30	5				
80	28	3				
82	28	3	2,7			
83	30	5				
85	30	5				
87	30	3				
87	30	5	5			
87	40	6				



a	b	c	d	a	b	c	d
15	15	2,4		98	25	3,5	
15	15	2,5		100	40	3	
25	20	4		100	70	5	7
25	25	2,5		100	100	5	
25,5	25,5	3		100	100	8	
30	10	2,5		107	18	3	
30	15	2,5		114	114	6	
30	25	3		114	114	8	
30	30	2,5		114	114	10	
30	30	5		120	60	5	
35,5	35,5	5	3	125	125	6	
36,5	27	3		130	130	6	
38	24	2,5		130	130	7	
38	38	3		130	130	9	
38	38	4		150	50	3	
40	25	5	8	160	70	3,5	
40	32	3		160	70	5	8
40	36,5	3		200	100	8	
40	40	5		500	200	12	
42	40	3					
44	44	6					
50	30	3					
50	50	3					
50	50	4					
50	50	5					
50	50	6					
51	32	4					
56	25	3					
60	20	3					
60	22	3,5					
60	25	3					
60	30	2,5					
60	60	4					
60	60	5					
60	60	9					
64	27	4	4				
70	26	3					
73	25	3					
73	25	3	6				
75	40	3					
75	75	6					
75	75	9					
80	33	3					
80	40	3					
83	28	3					
98	25	3					

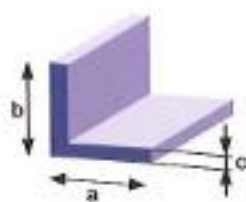


a	b	c
6,7	40	1,8
30	10	4
38	25	4
39	25	4
40	10	4 x 5
40	16	4
40	40	2,5
40	40	5
43	82	4
45	40	2,5
50	40	2,5
100	50	5
120	60	6
150	75	6
150	75	8
150	150	10
200	100	6
200	100	10
200	200	15
300	150	12
300	300	13



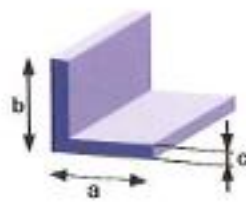
T mm

a	b	c
15	12	5
20	60	5
40	40	3
40	40	5
60	60	6
80	80	3
80	80	5
100	100	8
100	100	10



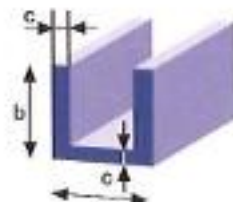
L mm

a	b	c
10	10	2,5
15	15	2,5
15	15	5
19	16	2
20	20	3
25	15	4
25,4	16	3
25	25	3
30	20	4
30	25	8
30	30	3
30	30	5
30	30	6
34	29,5	4
35	35	5
40	20	2
40	20	4
40	25	6
40	40	3
40	40	4
40	40	5
40	40	8
43	35	5
50	20	3
50	35	3
50	50	3
50	50	5
50	50	6
60	40	6
60	60	3
60	60	6
75	75	6
80	45	6
80	80	8
90	90	3R=40
95	25	2R=25
100	50	8
100	65	10
100	80	8
100	100	5



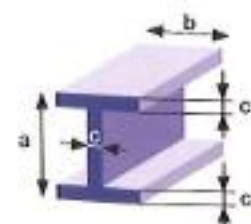
L mm

a	b	c
100	100	6
100	100	8
100	100	10
150	150	12
250	30	3
300	30	3



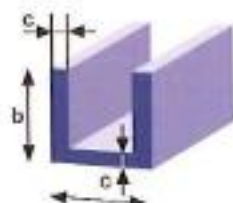
U mm

a	b	c
38,1	24	3
40	20	4
43	43	4
45	7,5	2,5
45	20	4
45	28	3 x 2,5
46	40	3
50	22	8 x 3
50	30	4
50	34	4 x 3
50	35	3,5
58	23	3
60	50	4
70	30	5
72	57	3
80	30	5
82	28	3
82	28	3 x 2,7
83	30	5
85	30	5
87	30	3
87	30	5 x 3
87	40	6
88	40	4
89	44,5	3,5
96	15	2,5
100	30	6
100	45	5
100	50	6
100	60	6
100	80	2,5
105	10,5	2,5
110	53	3
114	42	6
118	36	5
120	50	6
120	60	6
128	65	3
138	100	3
150	40	6



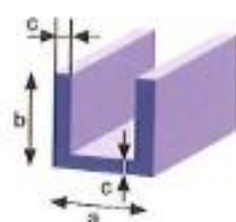
I mm

a	b	c
6,7	40	1,8
30	10	4
38	25	10 x 3
39	25	4
40	10	4 x 5
40	16	4
40	40	2,5
40	40	5
43	82	4
45	40	2,5
50	40	2,5
100	50	5
120	60	6
150	75	6
150	75	8
150	150	10
200	100	6
200	100	10
200	200	15
300	150	12
300	300	13



U mm

a	b	c
6	6	3,5 x 2
12	7,5	2,5
14	11	3,5
14	17	3
15	7,5	2,5
18	7,5	2,5
20	21	4
22,5	7,5	2,5
25	20	3
26	5	2,5
28	7,5	2,5
30	22	3
30	22	5 x 4
30	30	3
30	30	5
32	15	3
32,5	28,3	16 x 3
36,3	20	3 x 4,5
36,8	20	4,5 x 3
38	25	4
38	25	5 x 4
38	34	5



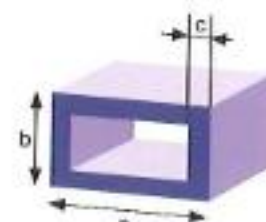
a	b	c
160	20	3
160	48	8
180	70	8
190	82	5
200	50	6
200	50	9
200	80	2,5
200	80	8
205	10,5	2,5
250	70	12
300	80	3
300	100	10
305	11	3
400	80	4
405	11	3



a	b
12	8
12	10
12,6	3,6
14	5
14	14
15	3
15	3,5
15	4,5
15	6
16	3
16,5	7
18	2
19,5	8
20	3
20	6
20	20
22,5	8
23	6
24	2,5
25	2
25	8
25	9,5
25	25
26	26
27,5	7,5
30	3
30	4
30	5
30	6
30	10
30	20
30	30
38	2
40	3
40	4
40	5
40	6
40	10
40	40
42	4



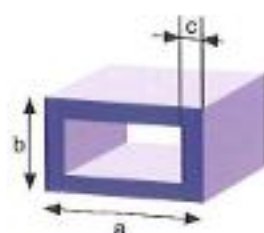
a	b
43	5
45	33
46	3
46	44
49	45
50	4
50	10
50	24
50	40
50	2,5
60	60
63	63
63	63
68	6
75	6
75	9
75	12
80	8
100	2,3
100	4
100	6
100	8
100	10
115	4
130	6
150	10
180	6
200	12
219	4
300	3
315	2,5
320	6
635	3,5 x 5



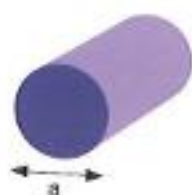
a	b	c
15	15	2,4
15	15	2,5
25	20	4
25	25	2,5
25,5	25,5	3
30	10	2,5
30	15	2,5
30	25	3
30	30	2,5
30	30	5
35,5	35,5	5 x 3
36,5	27	3
38	24	2,5
38	38	3
38	38	4
40	25	5 x 8
40	32	3
40	36,5	3
40	40	5
42	40	3
44	44	6
50	30	3
50	50	3
50	50	4
50	50	5
50	50	6
51	32	4
58	25	3
60	20	3
60	22	3,5
60	25	3
60	30	2,5
60	60	4
60	60	5
60	60	9
64	27	4 x 2
70	26	3
73	25	3
73	25	3 x 6
75	40	3



a	b
6	5
6	6
6,5	6
7	4
8	4
8	6
9	2,5
9	3
10	3
10	4
10	5
10	10
11	2
11	8



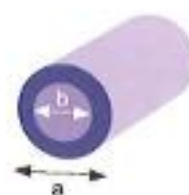
a	b	c
75	75	6
75	75	9
80	33	3
80	40	3
83	28	3
98	25	3
98	25	3,5
100	40	3
100	70	5 x 7
100	100	5
100	100	8
107	18	3
114	114	6
114	114	8
114	114	10
120	60	5
125	125	6
130	130	6
130	130	7
130	130	9
150	50	3
160	70	3,5
160	70	5 x 8
200	100	8
500	200	12



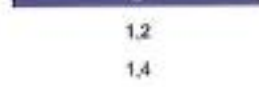
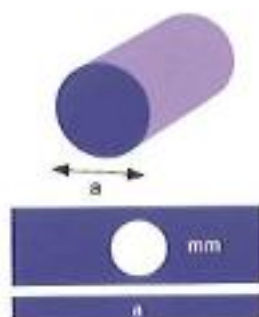
a
3
3,6
4
5
6
6,35
7
8
9
10
11,7
12
12,7
13
14
15
16
17,8
18
20
22
24
25
26
27
28
30
32
35
36
38
40
44
48
50
55
80



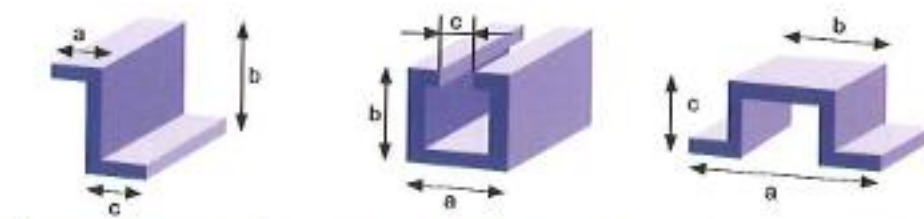
a	b
6	3
8	4
8	5
8	6
9	6
9,9	6,2
10	5
10	6
10	7
11	7
12	6
12	8
12	10
13	8
13	8,5
14	5,6
14	8
14	12
16	5
16	10
16	10,2
16	12
16	13
17,8	12,5
18	12,7
18	12,8
19,9	13,9
20	10,5
20	14
20	15
20	15,5
20	16,1
20	17
22	15
22	16,5
22	17
25	20
26	16
27	21
28	9



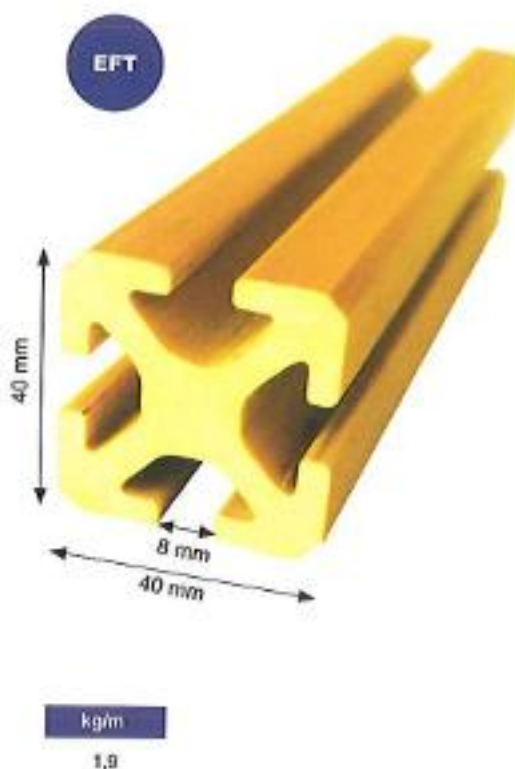
a	b
28	21
28	22
28	23
29,3	23,5
30	20
30	24
30	25
30	26
32	26
32	27
35	29
37	26
37	28
38	27
38	33
40	32
43	37
48	38
48	42
50	34
50	38
50	41
50	42
60	53
65	55
70	62
75	65
76	65
80	50
90	75
90	78
90	78
110	100
114	105
120	110
169	149
170	150




a
1,2
1,4
1,8
2
2,2
2,6
2,7

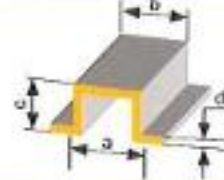


mm			mm			mm		
a	b	c	a	b	c	a	b	c
24	20	10 x 4	25	15	11 x 3	24,5	14,7	14 x 2,5
25	41	25 x 5	40	20	10 x 5	24,5	14,7	18 x 2,5
30	40	30 x 5	43	43	22 x 4	24,5	14,7	24 x 2,5
40	40	20 x 5	45	20	15 x 4	82	75	35 x 5
			45	20	15 x 5	120	58	60 x 3,5
			46	32	12 x 5			
			114	67	75 x 8			
			360	150	260 x 6			

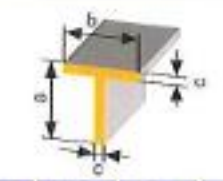





a	b	c	d
24	20	10	4
25	41	25	5
30	40	30	5
40	40	20	5



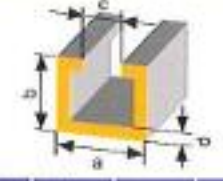
a	b	c	d
24,5	14,7	14	2,5
24,5	14,7	18	2,5
24,5	14,7	24	2,5
82	75	35	5
120	58	60	3,5



a	b	c	d
15	12	5	4
20	60	5	5
40	40	3	5
40	40	5	5
60	60	6	
80	80	3	
80	80	5	
100	100	8	
100	100	10	



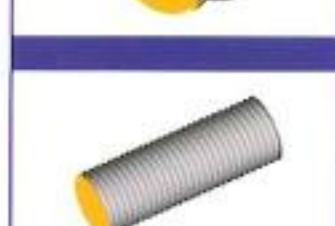
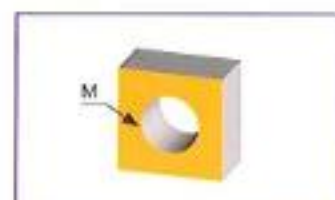
a	b	c	d
75	50	4	60
65	50	4	50

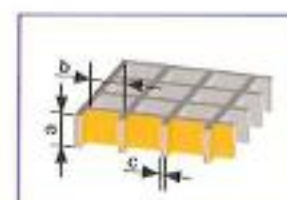
a	b	c	d
25	15	11	3
40	20	10	5
43	43	22	4
45	20	15	4
45	20	15	5
46	32	12	5
114	67	75	8
360	150	260	6



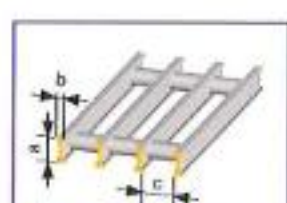
a	b
30	10
38	10
38	25
60	30



M	TPZ
8	20
10	25
12	
14	
16	
18	
20	
24	
27	
30	



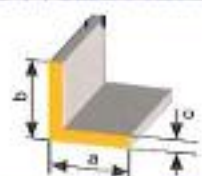
a	b	c
15	42 x 42	6
25	30 x 30	6
25	14 x 14	6
25	92 x 19	6
30	30 x 30	6
30	14 x 14	6
30	8 x 8	6
30	92 x 19	6
38	30 x 30	6
38	14 x 14	6
40	76 x 76	6
50	42 x 42	7
50	26 x 26	10
60	26 x 26	10



a	b	c
30	10	30
30	10	20
30	10	14,5
38	10	30
38	25	20
60	30	30



a	b	c
250	50	7
500	40	5
500	40	4
600	130	3,5



a	b	c	d
10	10	2,5	
15	15	2,5	
15	15	5	
19	16	2	
20	20	3	
25	15	4	
25,4	16	3	
25	25	3	
30	20	4	
30	25	8	
30	30	3	
30	30	5	
30	30	6	
34	29,5	4	
35	35	5	
40	20	2	
40	20	4	
40	26	6	
40	40	3	
40	40	4	
40	40	5	
40	40	8	
43	35	5	
50	20	3	
50	35	3	
50	50	3	
50	50	5	
50	50	6	
60	40	6	
60	60	3	
60	60	6	
75	75	6	
75	75	8	
80	45	6	
80	80	8	
90	90	3	R=40
95	25	2	R=25
100	50	8	
100	65	10	
100	80	8	
100	100	5	
100	100	6	
100	100	8	
100	100	10	
150	150	12	
250	30	3	
300	30	3	



a	b	a	b
6	6	38	2
6	6	40	3
6,5	6	40	4
7	4	40	5
8	4	40	6
8	6	40	10
9	2,5	40	40
9	3	42	4
10	3	43	5
10	4	45	33
10	5	46	3
10	10	46	44
11	2	49	45
11	8	50	4
12	8	50	10
12	10	50	24
12,6	3,8	50	40
14	5	60	2,5
14	14	63	60
15	3	63	63
15	3,5	68	6
15	4,5	75	6
15	6	75	9
16	3	75	12
16,5	7	80	8
18	2	100	2,3
19,5	8	100	4
20	3	100	6
20	6	100	8
20	20	100	10
22,5	8	115	4
23	6	130	6
24	2,5	150	10
25	2	180	6
25	8	200	12
25	9,5	219	4
25	25	300	3
26	26	300	10
27,5	7,5	315	2,5
30	3	320	6
30	4	635	3,5 x 5
30	5	800	6
30	6	800	6
30	10	800	8
30	20	800	10
30	30	800	12



a	b	a	b
6	3	30	25
8	4	30	26
8	5	32	26
8	6	32	27
9	6	35	29
9,9	8,2	37	26
10	5	37	28
10	6	38	27
10	7	38	33
11	7	40	32
12	6	43	37
12	8	48	38
12	10	48	42
13	8	50	34
13	8,5	50	38
14	5,8	50	41
14	8	50	42
14	12	60	53
16	5	65	55
16	10	70	62
16	10,2	75	65
16	12	76	65
16	13	80	50
17,8	12,5	90	75
18	12,7	90	76
18	12,8	90	78
19,9	13,9	110	100
20	10,5	114	96
20	14	114	105
20	15	120	110
20	15,5	160	140
20	16,1	170	150
20	17		
22	15		
22	16,5		
22	17		
25	20		
26	16		
27	21		
28	9		
28	21		
28	22		
28	23		
29,3	23,5		
30	20		
30	24		



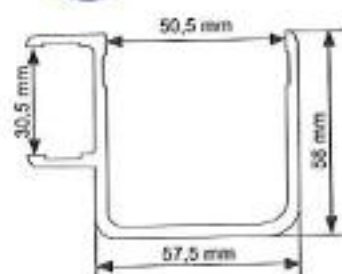
a
1,2
1,4
1,8
2
2,2
2,6
2,7
3
3,6
4
5
6
6,35
7
8
9
10
11,7
12
12,7
13
14
15
16
17,8
18
20
22
24
25
26
27
28
30
32
35
36
38
40
44
48
50
55
80



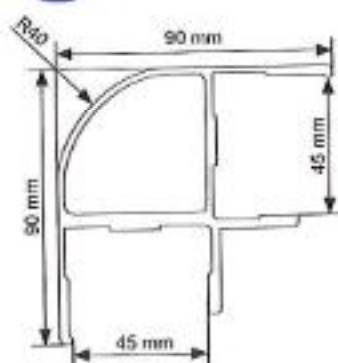
30x30



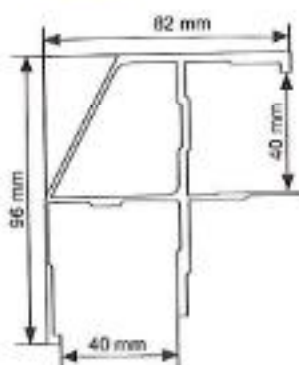
30x50



45x45



40x40





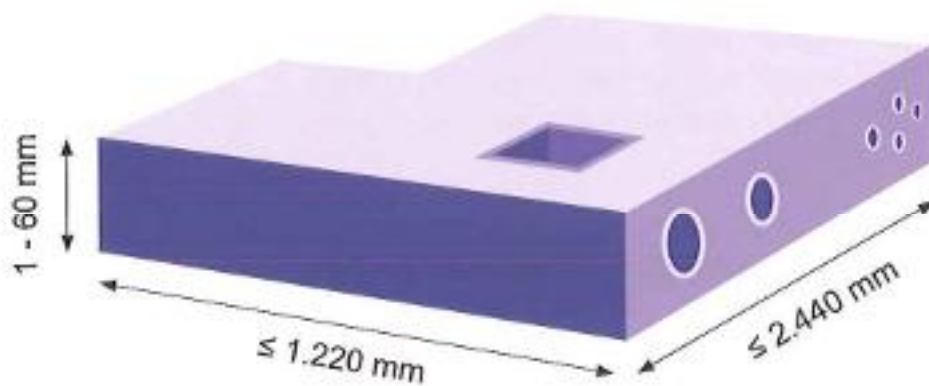
DIN	Hm 2471
ISO	UPGM 201-3
NEMA	GPO 3

DIN	Hgw 2372
ISO	EP GC 1
VSM	S-EP-GC 1
NF	VEE 1
BS	EP 2
NEMA	G-10

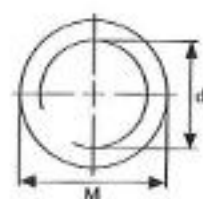
DIN	Hgw 2372.4
ISO	EP GC 4
VSM	S-EP-GC 4
N	VEE 2
NEMA	G-11


DIN	Hp 2001
ISO	PF CP 1
VSM	S-PF-CP 1
NF	P, PO
BS	D 1
NEMA	X, XP

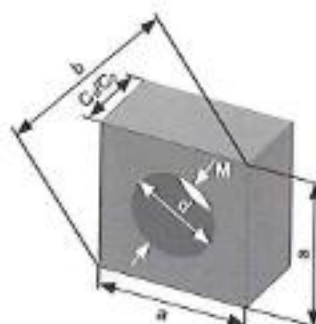
DIN	Hgw 2002
ISO	PF CC 1
VSM	S-PF-CC 1
NF	C
BS	F 2, F 3
NEMA	C



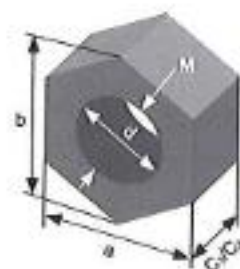
M	d	M ₀
8	6,8	2 Nm
10	8,5	5 Nm
12	10,2	8 Nm
14	12	12 Nm
16	14	18 Nm
18	15,5	22 Nm
20	17,5	28 Nm
24	21	60 Nm
27	24	60 Nm
30	26,5	60 Nm



M			d	a	b	c ₁ /c ₂
	c ₁	c ₂				
8	1.000 N	2.000 N	6,8	16	23	8/16
10	2.000 N	4.000 N	8,5	18	26	10/20
12	3.250 N	6.500 N	10,2	24	34	12/24
14	4.500 N	9.000 N	12	28	40	14/28
16	6.000 N	12.000 N	14	30	43	16/32
18	7.000 N	14.000 N	15,5	32	45	18/36
20	9.500 N	19.000 N	17,5	35	51	20/40
24	13.000 N	26.000 N	21	38	54	24/48
27	15.000 N	30.000 N	24	40	57	27/54
30	20.000 N	40.000 N	26,5	44	62	30/60

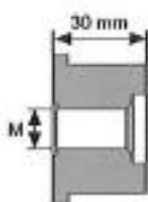
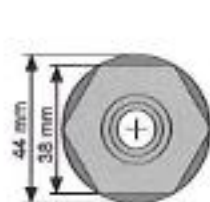
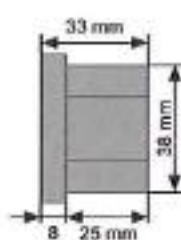
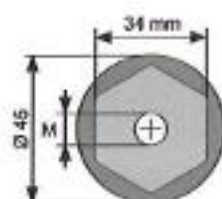


M	d	a	b	c ₁ /c ₂
8	6,8	13	15	8/16
10	8,5	17	20	10/20
12	10,2	19	22	12/24
14	12	-	-	14/28
16	14	24	28	16/32
18	15,5	-	-	18/36
20	17,5	30	35	20/40
24	21	36	42	24/48
27	24	41	48	27/54
30	26,5	46	53	30/60

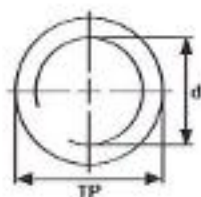


M

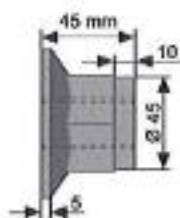
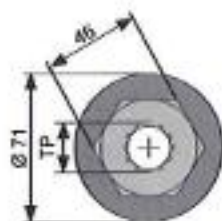
8
10
12
14
16
18
20
24
27
30


M-POM

M-UP
TP

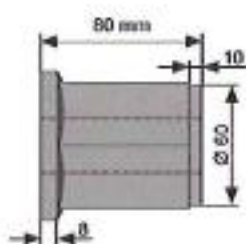
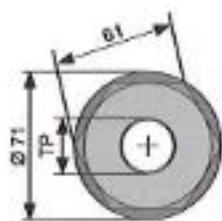
20
25

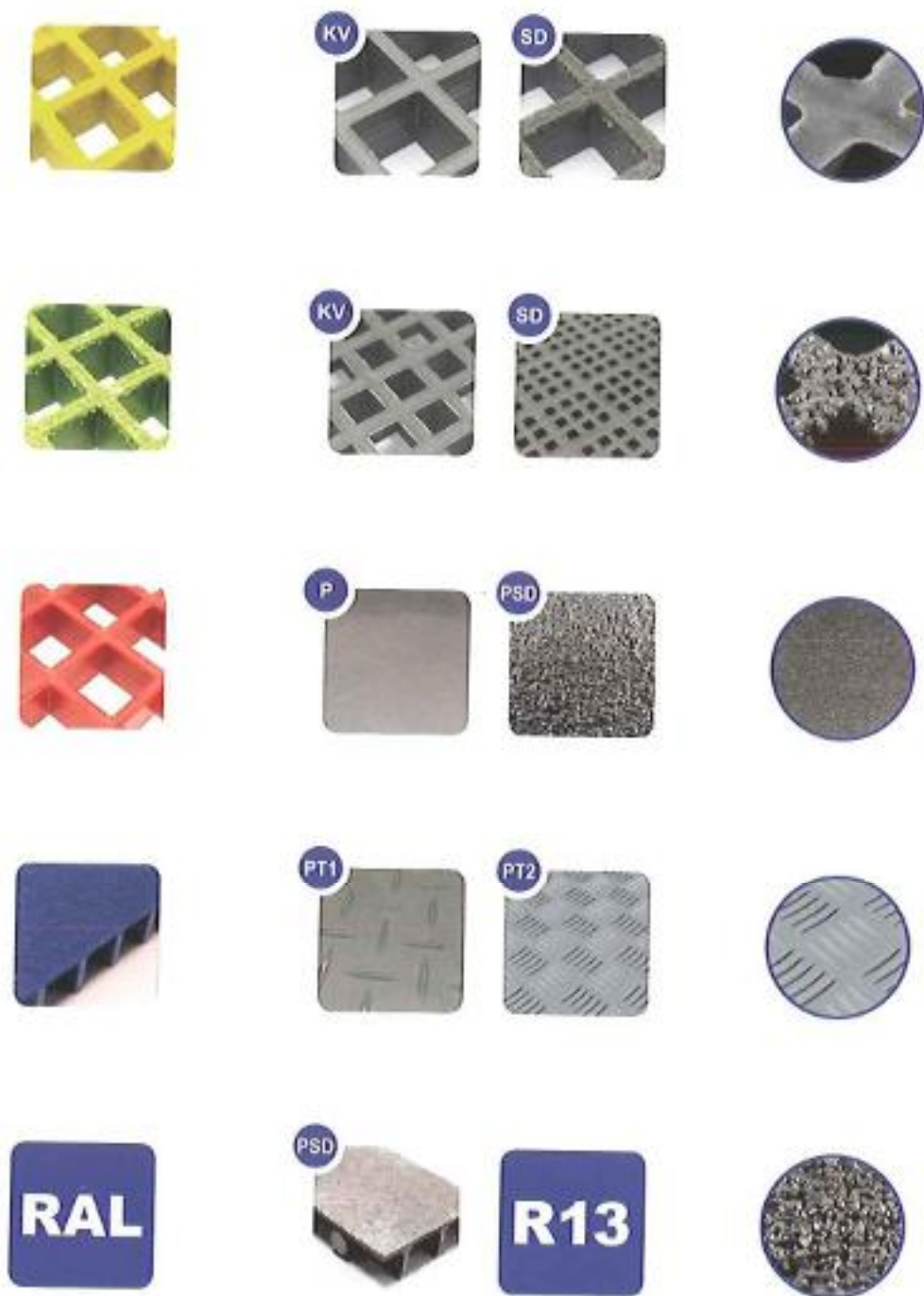

TP
TP

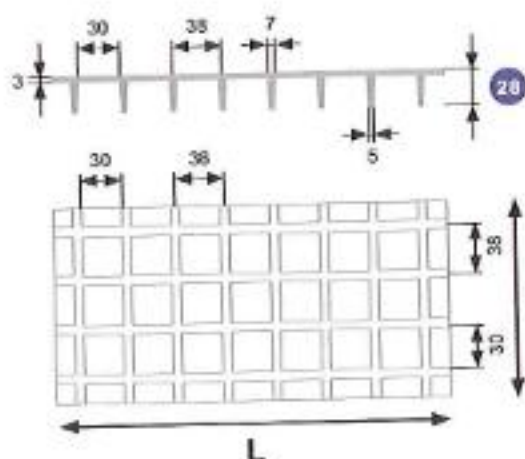
20
25


TP-G45
TP

20
25


TP-G80

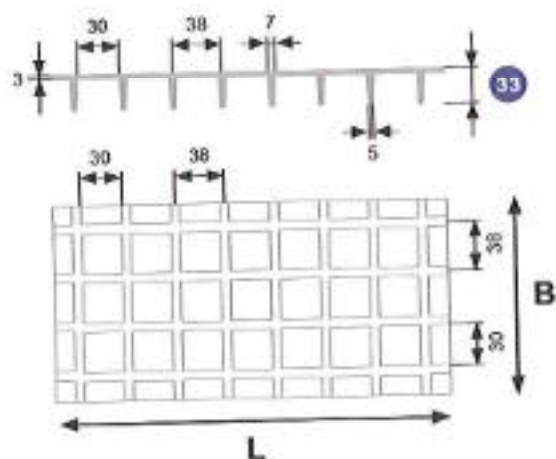



P 25


Span (mm)	Weight (kg)	Number of F	Weight (kg/m ²)	Number of q
300 mm	738 kg	2 x F	6.175 kg/m ²	3 x q
450 mm	520 kg	3 x F	2.220 kg/m ²	4 x q
600 mm	365 kg	4 x F	816 kg/m ²	5 x q
750 mm	235 kg	5 x F	420 kg/m ²	7 x q
900 mm	207 kg	6 x F	225 kg/m ²	8 x q
1000 mm	145 kg	7 x F	162 kg/m ²	9 x q
1200 mm	100 kg	8 x F	119 kg/m ²	10 x q

 $L/125 = 0,75\%$

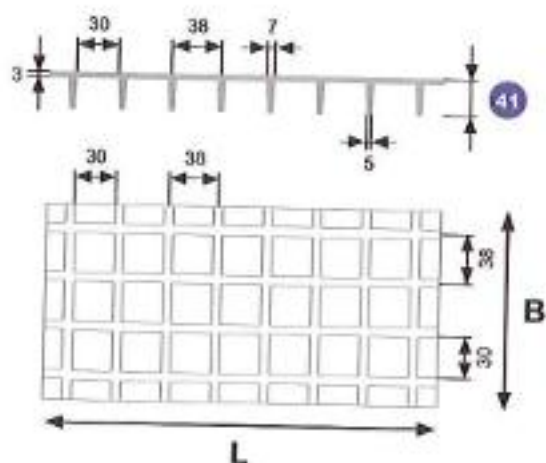
L (mm)	B (mm)	kg/m ²
4000	1220	15
3660	1220	15
1985	996	15




P 30


Span (mm)	Weight (kg)	Number of F	Weight (kg/m ²)	Number of q
300 mm	938 kg	2 x F	12.983 kg/m ²	3 x q
450 mm	634 kg	3 x F	3.834 kg/m ²	4 x q
600 mm	492 kg	4 x F	1.615 kg/m ²	5 x q
750 mm	346 kg	5 x F	992 kg/m ²	7 x q
900 mm	234 kg	6 x F	489 kg/m ²	8 x q
1000 mm	202 kg	7 x F	405 kg/m ²	9 x q
1200 mm	157 kg	8 x F	236 kg/m ²	10 x q

 $L/125 = 0,75\%$

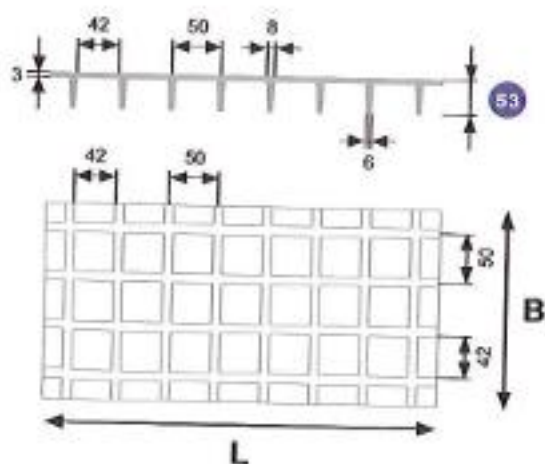
L (mm)	B (mm)	kg/m ²
4000	1524	17
3660	1220	17
1985	996	17



P 38


				
300 mm	1.864 kg	2 x F	25.863 kg/m ²	3 x q
450 mm	1.170 kg	3 x F	7.808 kg/m ²	4 x q
600 mm	833 kg	4 x F	3.248 kg/m ²	5 x q
750 mm	601 kg	5 x F	1.615 kg/m ²	7 x q
900 mm	495 kg	6 x F	987 kg/m ²	8 x q
1000 mm	364 kg	7 x F	695 kg/m ²	9 x q
1200 mm	317 kg	8 x F	448 kg/m ²	10 x q

L/125 = 0,75%

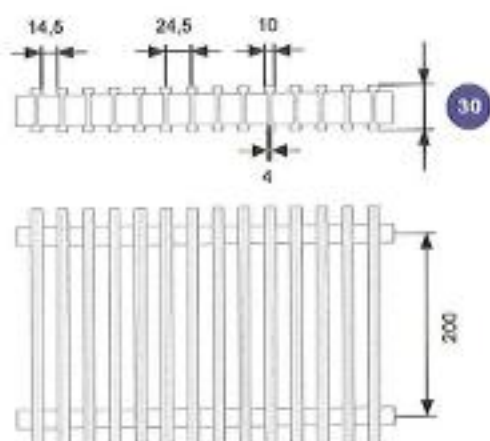
L (mm)	B (mm)	kg/m ²
4000	1624	20
3660	1220	20
1985	996	20


P 50


				
300 mm	3628 kg	2 x F	51.520 kg/m ²	3 x q
450 mm	1978 kg	3 x F	15.797 kg/m ²	4 x q
600 mm	1180 kg	4 x F	7.134 kg/m ²	5 x q
750 mm	1050 kg	5 x F	3.532 kg/m ²	7 x q
900 mm	980 kg	6 x F	2.100 kg/m ²	8 x q
1000 mm	858 kg	7 x F	1.738 kg/m ²	9 x q
1200 mm	685 kg	8 x F	980 kg/m ²	10 x q
1300 mm	335 kg	8 x F	772 kg/m ²	10 x q
1400 mm	287 kg	8 x F	594 kg/m ²	10 x q
1500 mm	209 kg	8 x F	469 kg/m ²	10 x q

L/125 = 0,75%

L (mm)	B (mm)	kg/m ²
5035	1220	24
3660	1220	24
1990	1020	24

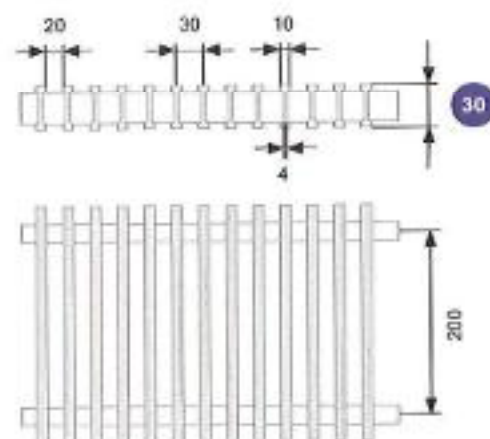

RP
 30x10x14,5

kg/m²

14,5

300 mm	1.600 kg	2 x F	2.100 kg/m ²	3 x q
450 mm	1.046 kg	3 x F	13.052 kg/m ²	4 x q
600 mm	512 kg	4 x F	4.269 kg/m ²	5 x q
750 mm	335 kg	5 x F	2.289 kg/m ²	7 x q
900 mm	240 kg	6 x F	1.322 kg/m ²	8 x q
1000 mm	193 kg	7 x F	972 kg/m ²	9 x q
1200 mm	136 kg	8 x F	564 kg/m ²	10 x q
1400 mm	99 kg	8 x F	361 kg/m ²	10 x q

L/200 = 0,5%

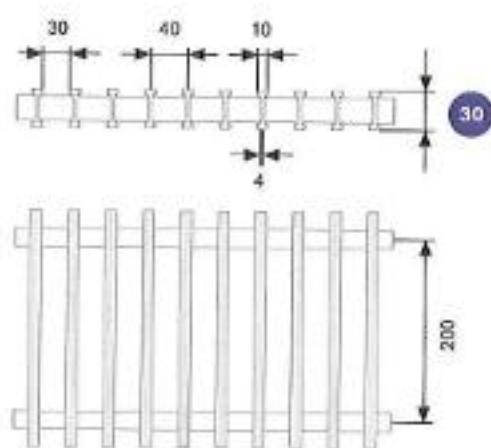

RP
 30x10x20

kg/m²

13

300 mm	1.300 kg	2 x F	20.500 kg/m ²	3 x q
450 mm	888 kg	3 x F	11.046 kg/m ²	4 x q
600 mm	493 kg	4 x F	3.658 kg/m ²	5 x q
750 mm	305 kg	5 x F	1.887 kg/m ²	7 x q
900 mm	204 kg	6 x F	1.118 kg/m ²	8 x q
1000 mm	136 kg	7 x F	836 kg/m ²	9 x q
1200 mm	115 kg	8 x F	581 kg/m ²	10 x q
1400 mm	62 kg	8 x F	303 kg/m ²	10 x q

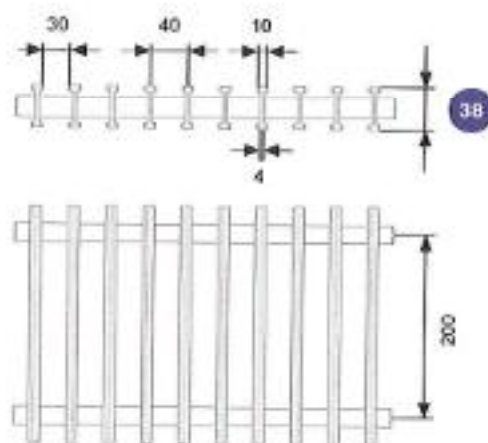
L/200 = 0,5%




RP
30 x 10 x 30

						kg/m ²
300 mm	1.035 kg	2 x F	17.180 kg/m ²	3 x q	11,5	
450 mm	523 kg	3 x F	5.758 kg/m ²	4 x q		
600 mm	319 kg	4 x F	2.628 kg/m ²	5 x q		
750 mm	209 kg	5 x F	1.309 kg/m ²	7 x q		
900 mm	148 kg	6 x F	815 kg/m ²	8 x q		
1000 mm	120 kg	7 x F	601 kg/m ²	9 x q		
1200 mm	84 kg	8 x F	350 kg/m ²	10 x q		

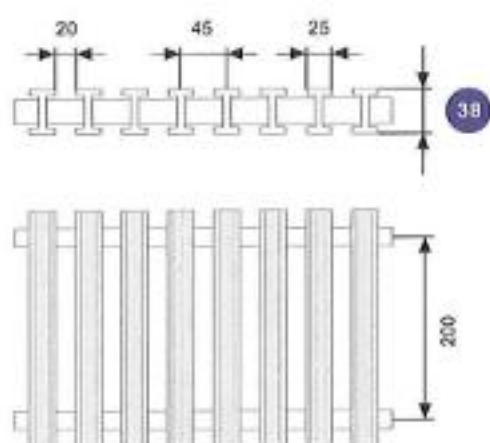
L/200 = 0,5%



RP
38 x 10 x 38

						kg/m ²
300 mm	3.400 kg	2 x F	18.300 kg/m ²	3 x q	13	
450 mm	2.750 kg	3 x F	9.750 kg/m ²	4 x q		
600 mm	1.503 kg	4 x F	4.005 kg/m ²	5 x q		
750 mm	975 kg	5 x F	2.062 kg/m ²	7 x q		
900 mm	674 kg	6 x F	1.203 kg/m ²	8 x q		
1000 mm	550 kg	7 x F	875 kg/m ²	9 x q		
1200 mm	387 kg	8 x F	512 kg/m ²	10 x q		
1400 mm	280 kg	8 x F	320 kg/m ²	10 x q		

L/200 = 0,5%

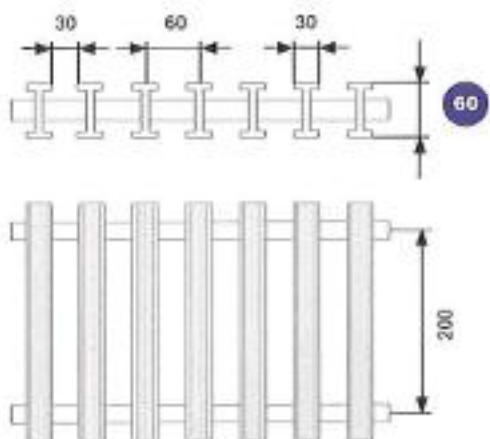

RP
18 x 25 x 20

kg/m²

15,5

Span (mm)	Weight (kg)	Point Load (F)	Distributed Load (q)	Deflection (mm)
300 mm	3.600 kg	2 x F	19.500 kg/m ²	3 x q
450 mm	2.853 kg	3 x F	10.500 kg/m ²	4 x q
600 mm	1.710 kg	4 x F	4.432 kg/m ²	5 x q
750 mm	1.025 kg	5 x F	2.345 kg/m ²	7 x q
900 mm	705 kg	6 x F	1.454 kg/m ²	8 x q
1000 mm	612 kg	7 x F	907 kg/m ²	9 x q
1200 mm	403 kg	8 x F	618 kg/m ²	10 x q
1400 mm	309 kg	8 x F	374 kg/m ²	10 x q

L/200 = 0,5%

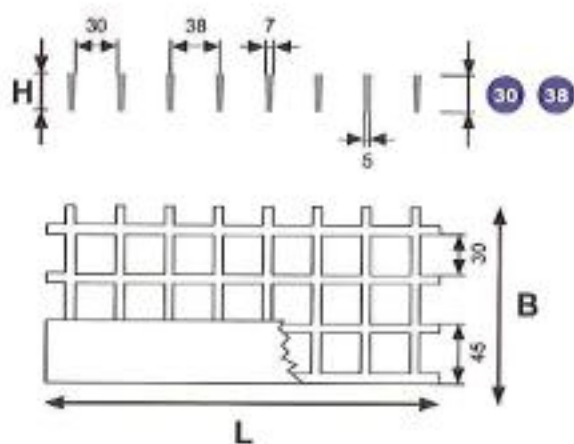
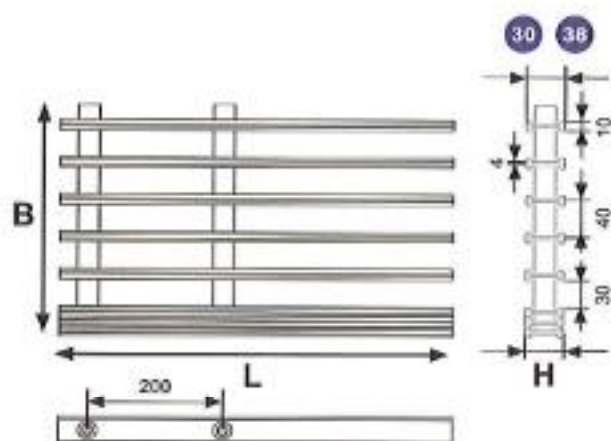

RP
60 x 30 x 30

kg/m²

20

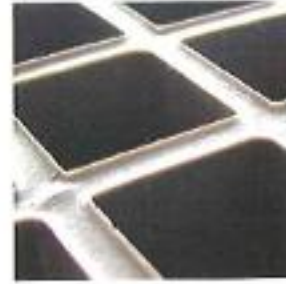
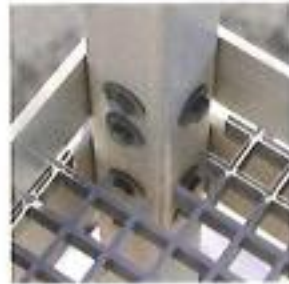
Span (mm)	Weight (kg)	Point Load (F)	Distributed Load (q)	Deflection (mm)
700 mm	1500 kg	3 x F	12.410 kg/m ²	4 x q
1100 mm	615 kg	4 x F	3.015 kg/m ²	5 x q
1500 mm	330 kg	5 x F	1.210 kg/m ²	6 x q
1700 mm	258 kg	6 x F	816 kg/m ²	7 x q
2000 mm	205 kg	6 x F	580 kg/m ²	7 x q
2300 mm	142 kg	7 x F	330 kg/m ²	9 x q
2500 mm	120 kg	8 x F	255 kg/m ²	10 x q

L/200 = 0,5%


SG 30
SG 38

SP 30
SP 38


	L (mm)	B (mm)	H (mm)	kg
SG 30	1000	274	30	3,8
SG 30	1000	311	30	4,3
SG 38	1000	274	38	5,2
SG 38	1000	311	38	5,9
SP 30	1000	300	30	3,5
SP 38	1000	300	38	5,2

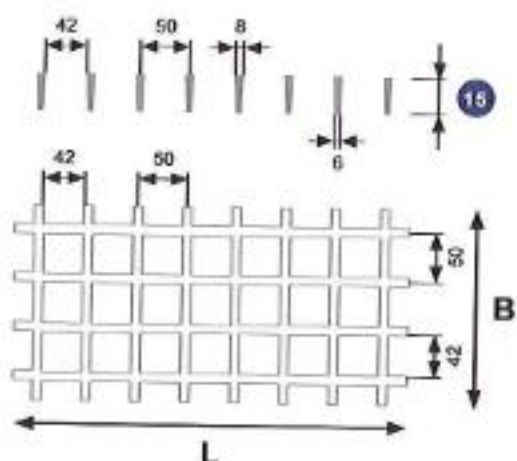








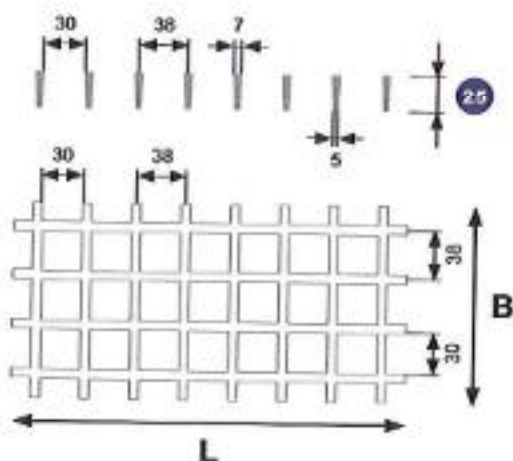



ISO 15


				
300 mm	175 kg	2 x F	1.569 kg/m ²	3 x q
450 mm	102 kg	3 x F	446 kg/m ²	4 x q
600 mm	68 kg	4 x F	192 kg/m ²	5 x q
750 mm	48 kg	5 x F	99 kg/m ²	7 x q
900 mm	34 kg	6 x F	58 kg/m ²	8 x q
1000 mm	27 kg	7 x F	40 kg/m ²	9 x q
1200 mm	19 kg	8 x F	24 kg/m ²	10 x q

L/125 = 0,75%

L (mm)	B (mm)	kg/m ²
4000	1220	5,5
3660	1220	5,5
1900	1020	5,5


ISO 25


				
300 mm	642 kg	2 x F	5.370 kg/m ²	3 x q
450 mm	453 kg	3 x F	1.930 kg/m ²	4 x q
600 mm	318 kg	4 x F	710 kg/m ²	5 x q
750 mm	205 kg	5 x F	366 kg/m ²	7 x q
900 mm	180 kg	6 x F	195 kg/m ²	8 x q
1000 mm	126 kg	7 x F	140 kg/m ²	9 x q
1200 mm	92 kg	8 x F	105 kg/m ²	10 x q

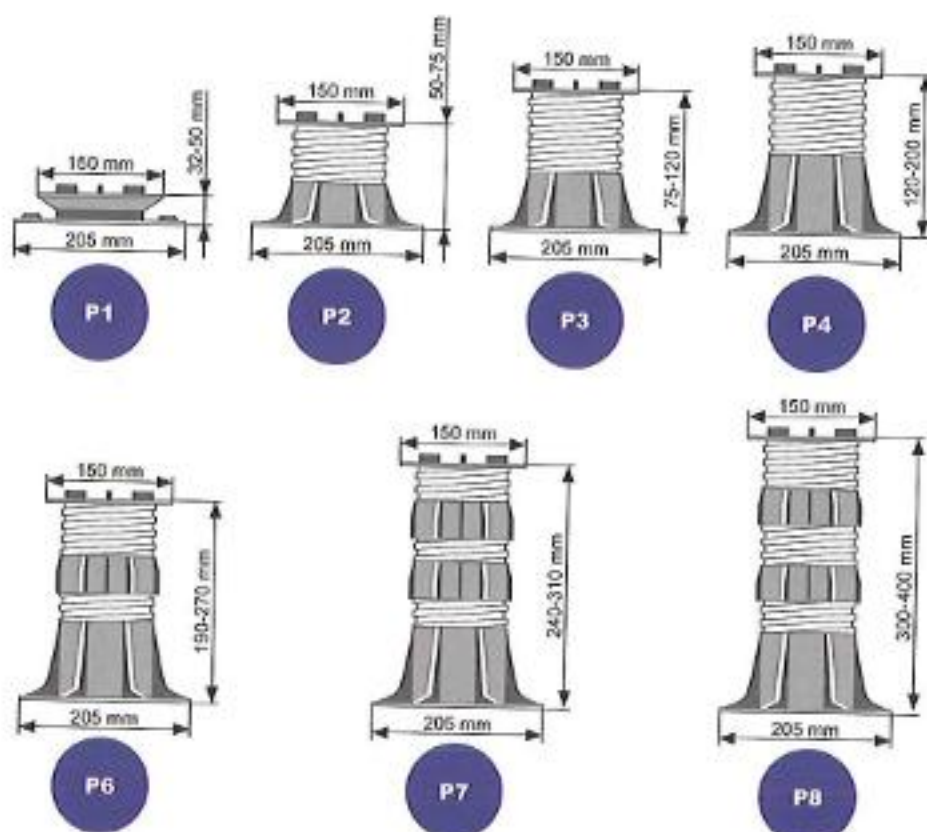
L/125 = 0,75%

L (mm)	B (mm)	kg/m ²
4007	1007	11
4000	1220	11
3660	1220	11
3007	1007	11
1985	996	11
996	996	11

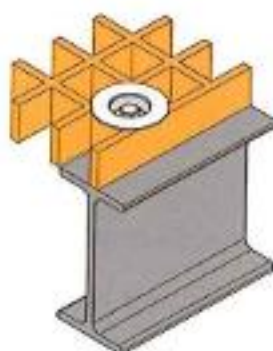
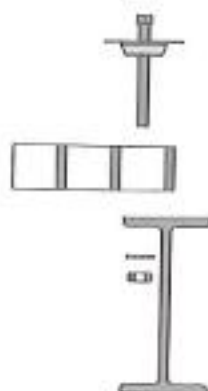
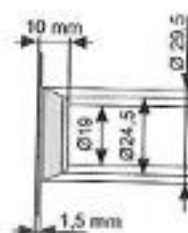
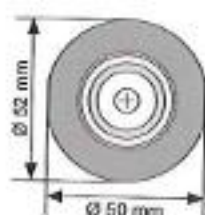


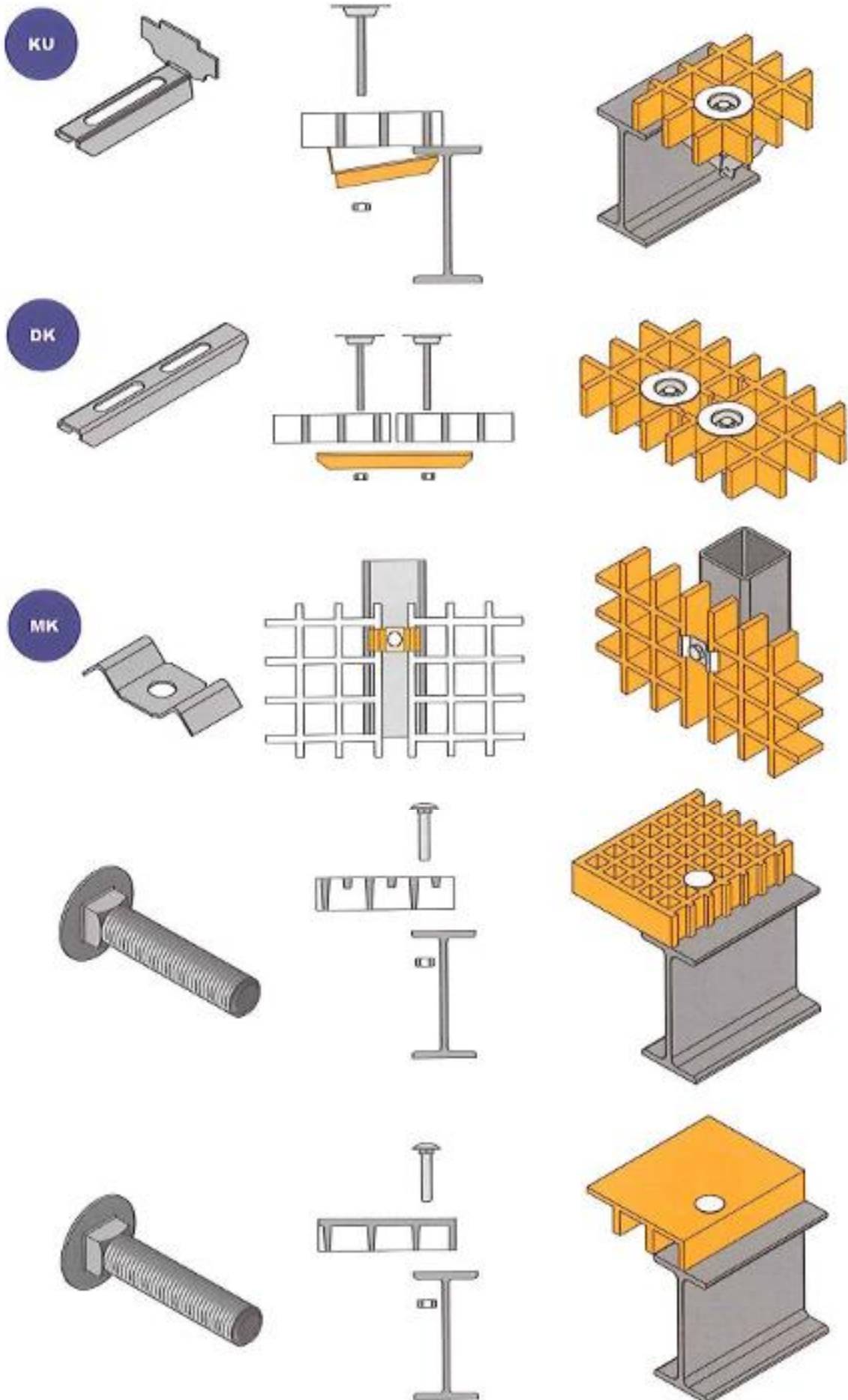
	mm	kN
P2	52	67,9
	63	25,2
	76	12,9
P3	75	57,4
	97	28,2
	120	9,7
P4	120	64,1
	160	35,5
	200	15,9
P6	190	33,2
	230	20,8
	270	11,6
P7	240	26,5
	270	20,1
	300	15,3
P8	300	35,8
	350	19,4
	400	13,2
P10	400	20,2
	450	18
	500	14
P 12	500	19,4
	550	17
	600	15,6

-20°C → +120°C

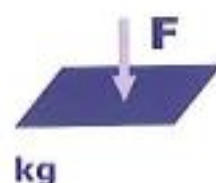


TL



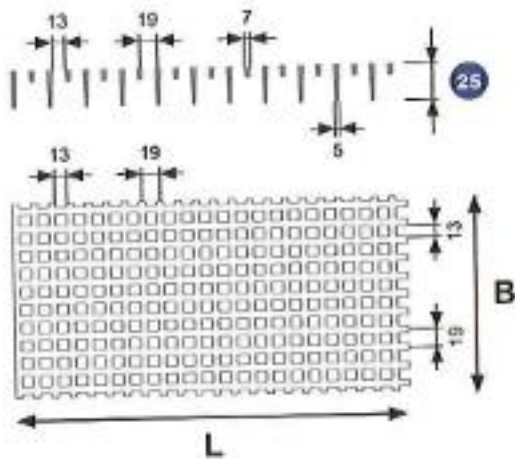


	300 mm	450 mm	600 mm	750 mm	900 mm	1000 mm	1200 mm
ISO 15	175	102	68	46	34	27	19
ISO 25	642	453	318	205	180	126	92
ISO 25 13x13	674	476	334	215	189	132	97
ISO 25 92x19	734	502	376	245	192	151	114
ISO 30	816	552	427	301	203	175	136
ISO 30 14x14	856	580	448	316	213	184	143
ISO 30 8x8	1.577	932	502	358	340	254	161
ISO 30 92x19	1.569	892	486	332	321	229	148
ISO 38	1.455	1.020	725	521	430	317	275
ISO 38 14x14	1.530	1.070	762	547	455	333	290
ISO 40 76x76	849	578	441	309	205	182	139
ISO 50	3.400	1.862	1.180	803	568	460	324
ISO 50 SWL	4.392	2.541	1.690	1.165	827	655	478
ISO 60 SWL	7.511	4.356	2.908	2.012	1.442	1.141	829
P 15	186	110	78	55	41	34	23
P 25	738	520	365	235	207	145	100
P 30	938	634	492	346	234	202	157
P 38	1.664	1.170	833	601	495	364	317
P 50	3.628	1.978	1.180	1050	980	858	685
RP 30x10x14,5	1.600	1.045	512	335	240	193	136
RP 30x10x20	1.300	888	493	305	204	136	115
RP 30x10x30	1.035	523	319	209	146	120	84
RP 38x10x30	3.400	2.750	1.503	975	674	550	387
RP 38x25x20	3.600	2.853	1.710	1.025	705	612	403
RP 60x30x30	6.556	3.978	2.243	1.658	1.152	1.056	745



	300 mm	450 mm	600 mm	750 mm	900 mm	1000 mm	1200 mm
ISO 15	1.569	446	192	99	58	40	24
ISO 25	5.370	1.930	710	366	195	140	105
ISO 25 13x13	7.286	2.228	880	445	260	195	110
ISO 25 92x19	10.415	2.105	747	567	415	300	175
ISO 30	11.290	3.334	1.405	863	425	352	205
ISO 30 14x14	11.854	3.507	1.475	906	447	369	215
ISO 30 8x8	13.960	4.604	2.400	1.375	795	583	323
ISO 30 92x19	18.232	3.894	2.386	964	718	526	302
ISO 38	23.132	6.790	2.825	1.404	859	605	390
ISO 38 14x14	24.643	7.130	2.966	1.475	902	636	410
ISO 40 76x76	8.823	3.058	2.105	985	539	420	208
ISO 50	48.800	15.485	6.800	3.425	2.100	1.510	850
ISO 50 SWL	69.890	22.205	9.535	4.925	2.855	1.985	1.200
ISO 60 SWL	119.890	38.230	16.230	8.530	4.930	3.435	2.085
P 15	1.623	461	203	107	72	46	33
P 25	6.175	2.220	816	420	225	162	119
P 30	12.983	3.834	1.615	992	489	405	236
P 38	25.863	7.808	3.248	1.615	987	695	448
P 50	51.520	15.797	7.134	3.532	2.100	1.736	980
RP 30x10x14,5	2.100	13.052	4.269	2.289	1.322	972	564
RP 30x10x20	20.500	11.046	3.658	1.887	1.118	836	581
RP 30x10x30	17.180	5.758	2.628	1.369	815	601	350
RP 38x10x30	18.300	9.750	4.005	2.062	1.203	875	512
RP 38x25x20	19.500	10.500	4.432	2.345	1.454	907	618
RP 60x30x30	156.924	34.898	19.287	8.946	6.121	4.254	2.735

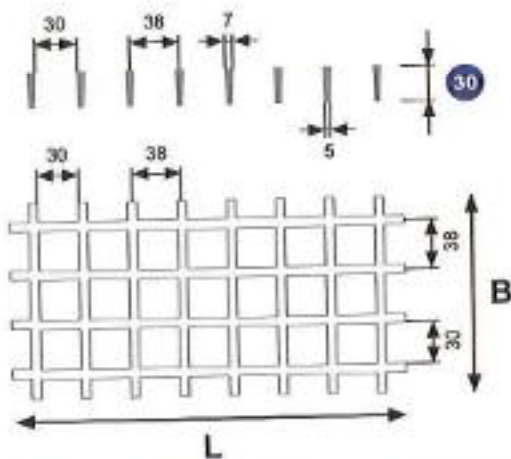




300 mm	674 kg	2 x F	7.286 kg/m ²	3 x q
450 mm	476 kg	3 x F	2.228 kg/m ²	4 x q
600 mm	334 kg	4 x F	880 kg/m ²	5 x q
750 mm	216 kg	5 x F	445 kg/m ²	7 x q
900 mm	189 kg	6 x F	260 kg/m ²	8 x q
1000 mm	132 kg	7 x F	195 kg/m ²	9 x q
1200 mm	97 kg	8 x F	110 kg/m ²	10 x q

L/125 = 0,75%

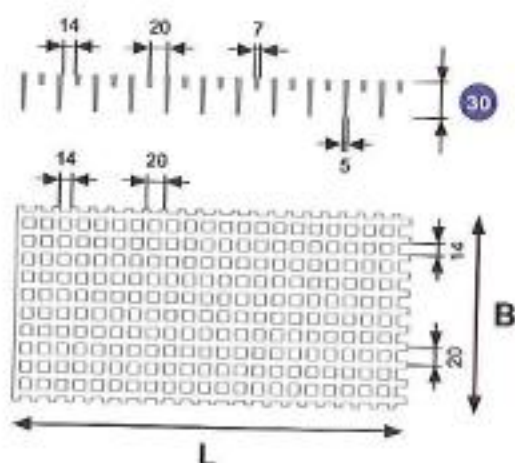
L (mm)	B (mm)	kg/m ²
4000	1220	13,5
1985	996	13,5







300 mm	816 kg	2 x F	11290 kg/m ²	3 x q
450 mm	552 kg	3 x F	3334 kg/m ²	4 x q
600 mm	427 kg	4 x F	1405 kg/m ²	5 x q
750 mm	301 kg	5 x F	803 kg/m ²	7 x q
900 mm	203 kg	6 x F	425 kg/m ²	8 x q
1000 mm	175 kg	7 x F	352 kg/m ²	9 x q
1200 mm	136 kg	8 x F	205 kg/m ²	10 x q

L/125 = 0,75%

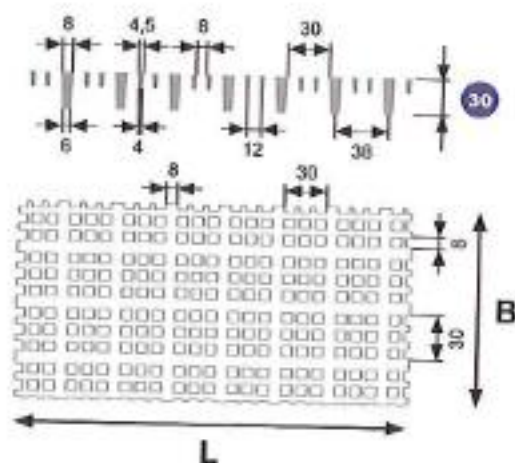
L (mm)	B (mm)	kg/m ²
4007	1007	13
4000	1524	13
3660	1220	13
3050	1524	13
3007	1007	13
2440	1220	13
1985	996	13
996	996	13




ISO 30
14 x 14


				
300 mm	856 kg	2 x F	11,854 kg/m ²	3 x q
450 mm	580 kg	3 x F	3,507 kg/m ²	4 x q
600 mm	448 kg	4 x F	1,475 kg/m ²	5 x q
750 mm	316 kg	5 x F	906 kg/m ²	7 x q
900 mm	213 kg	6 x F	447 kg/m ²	8 x q
1000 mm	184 kg	7 x F	369 kg/m ²	9 x q
1200 mm	143 kg	8 x F	215 kg/m ²	10 x q

L/125 = 0,75%

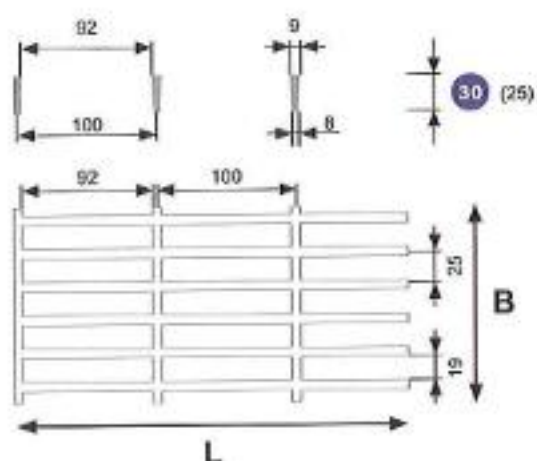
L (mm)	B (mm)	kg/m ²
4047	1247	15
4007	1007	15
3687	1247	15
3007	1007	15
2007	1007	15


ISO 30
8 x 8


				
300 mm	1577 kg	2 x F	13,960 kg/m ²	3 x q
450 mm	902 kg	3 x F	4,604 kg/m ²	4 x q
600 mm	502 kg	4 x F	2,400 kg/m ²	5 x q
750 mm	358 kg	5 x F	1,375 kg/m ²	7 x q
900 mm	254 kg	6 x F	795 kg/m ²	8 x q
1000 mm	340 kg	7 x F	583 kg/m ²	9 x q
1200 mm	161 kg	8 x F	323 kg/m ²	10 x q

L/125 = 0,75%

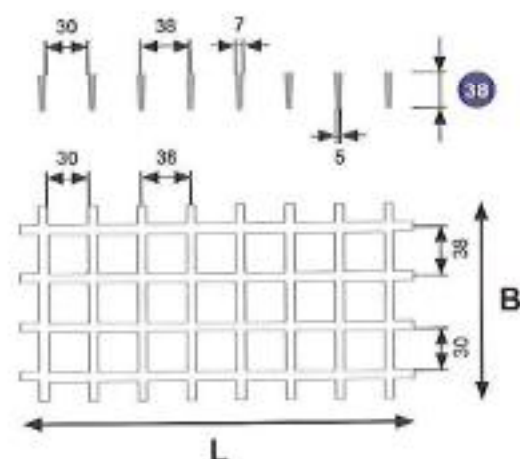
L (mm)	B (mm)	kg/m ²
3660	1220	21
1985	996	21








				
300 mm	1.569 kg	2 x F	18.232 kg/m ²	3 x q
450 mm	892 kg	3 x F	3.894 kg/m ²	4 x q
600 mm	485 kg	4 x F	2.386 kg/m ²	5 x q
750 mm	332 kg	5 x F	964 kg/m ²	7 x q
900 mm	321 kg	6 x F	718 kg/m ²	8 x q
1000 mm	229 kg	7 x F	526 kg/m ²	9 x q
1200 mm	148 kg	8 x F	302 kg/m ²	10 x q

L/125 = 0,75%

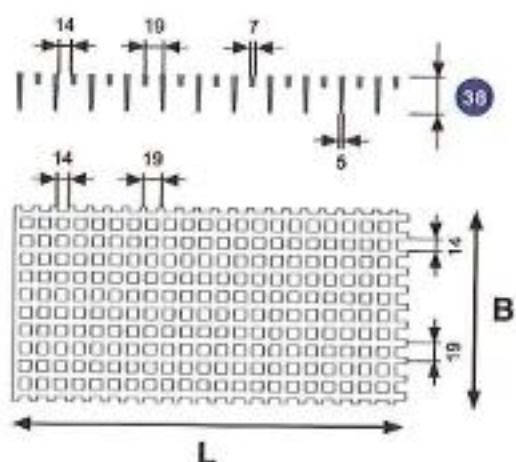
L (mm)	B (mm)	kg/m ²
3007	1007	13




				
300 mm	1.455 kg	2 x F	23.132 kg/m ²	3 x q
450 mm	1.020 kg	3 x F	6.790 kg/m ²	4 x q
600 mm	725 kg	4 x F	2.825 kg/m ²	5 x q
750 mm	621 kg	5 x F	1.404 kg/m ²	7 x q
900 mm	430 kg	6 x F	859 kg/m ²	8 x q
1000 mm	317 kg	7 x F	605 kg/m ²	9 x q
1200 mm	275 kg	8 x F	390 kg/m ²	10 x q

L/125 = 0,75%

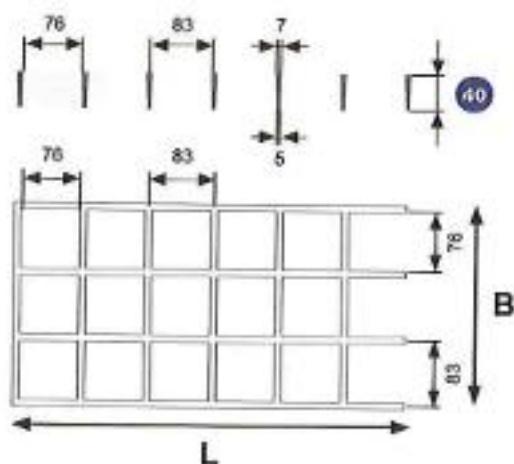
L (mm)	B (mm)	kg/m ²
4007	1007	18
4000	1524	10
3050	1524	18
3660	1220	18
3007	1007	18
2440	1220	18
1985	936	18
936	936	18


ISO 38
14 x 14


				
300 mm	1.530 kg	2 x F	24.643 kg/m ²	3 x q
450 mm	1.070 kg	3 x F	7.130 kg/m ²	4 x q
600 mm	762 kg	4 x F	2.969 kg/m ²	5 x q
750 mm	547 kg	5 x F	1.475 kg/m ²	7 x q
900 mm	455 kg	6 x F	902 kg/m ²	8 x q
1000 mm	333 kg	7 x F	636 kg/m ²	9 x q
1200 mm	290 kg	8 x F	410 kg/m ²	10 x q

 $L/125 = 0,75\%$

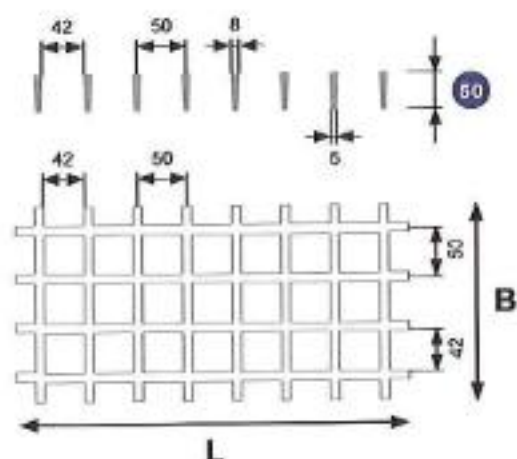
L (mm)	B (mm)	kg/m ²
4000	1524	19,5
3660	1220	19,5
3012	996	19,5
1965	996	19,5




ISO 40
76 x 76


				
300 mm	849 kg	2 x F	8.623 kg/m ²	3 x q
450 mm	578 kg	3 x F	3.058 kg/m ²	4 x q
600 mm	441 kg	4 x F	2.105 kg/m ²	5 x q
750 mm	309 kg	5 x F	985 kg/m ²	7 x q
900 mm	205 kg	6 x F	539 kg/m ²	8 x q
1000 mm	182 kg	7 x F	420 kg/m ²	9 x q
1200 mm	139 kg	8 x F	208 kg/m ²	10 x q

 $L/125 = 0,75\%$

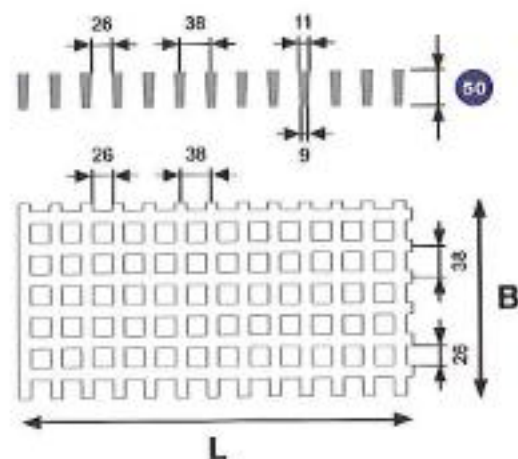
L (mm)	B (mm)	kg/m ²
3000	1000	9,5
2000	1000	9,5



				
300 mm	3.400 kg	2 x F	48.800 kg/m ²	3 x q
450 mm	1.862 kg	3 x F	15.485 kg/m ²	4 x q
600 mm	1.180 kg	4 x F	6.800 kg/m ²	5 x q
750 mm	803 kg	5 x F	3.425 kg/m ²	7 x q
900 mm	566 kg	6 x F	2.100 kg/m ²	8 x q
1000 mm	480 kg	7 x F	1.510 kg/m ²	9 x q
1200 mm	324 kg	8 x F	850 kg/m ²	10 x q
1300 mm	320 kg	8 x F	705 kg/m ²	10 x q
1400 mm	260 kg	8 x F	540 kg/m ²	10 x q
1500 mm	195 kg	8 x F	415 kg/m ²	10 x q

L/125 = 0,75%

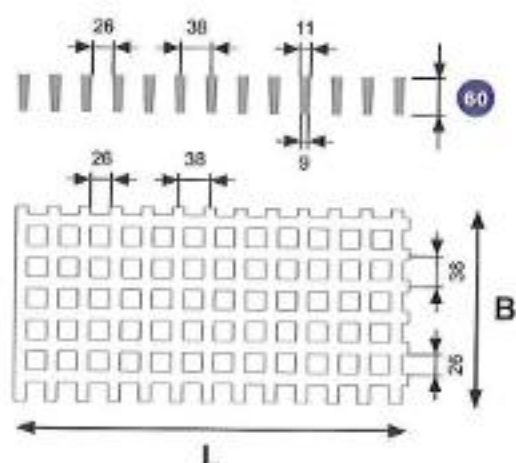
L (mm)	B (mm)	kg/m ²
5035	1220	21
3660	1220	21
1990	1020	21



				
300 mm	4.392 kg	2 x F	69.890 kg/m ²	3 x q
450 mm	2.541 kg	3 x F	22.205 kg/m ²	4 x q
600 mm	1.690 kg	4 x F	9.535 kg/m ²	5 x q
750 mm	1.165 kg	5 x F	4.925 kg/m ²	7 x q
900 mm	827 kg	6 x F	2.855 kg/m ²	8 x q
1000 mm	655 kg	7 x F	1.985 kg/m ²	9 x q
1200 mm	478 kg	8 x F	1.200 kg/m ²	10 x q
1300 mm	393 kg	8 x F	910 kg/m ²	10 x q
1400 mm	308 kg	8 x F	780 kg/m ²	10 x q
1500 mm	310 kg	8 x F	670 kg/m ²	10 x q

L/125 = 0,75%

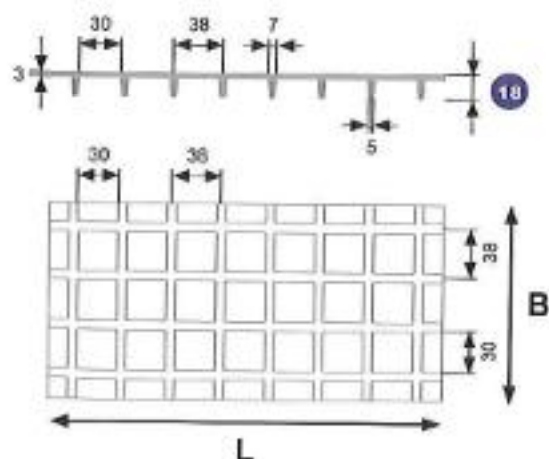
L (mm)	B (mm)	kg/m ²
4000	1220	41
1985	996	41


**ISO 60
SWL**


				
300 mm	7.511 kg	2 x F	119.890 kg/m ²	3 x q
450 mm	4.356 kg	3 x F	38.230 kg/m ²	4 x q
600 mm	2.908 kg	4 x F	16.230 kg/m ²	5 x q
750 mm	2.012 kg	5 x F	8.530 kg/m ²	7 x q
900 mm	1.442 kg	6 x F	4.930 kg/m ²	8 x q
1000 mm	1.141 kg	7 x F	3.435 kg/m ²	9 x q
1200 mm	829 kg	8 x F	2.085 kg/m ²	10 x q
1300 mm	689 kg		1.580 kg/m ²	
1400 mm	630 kg		1.360 kg/m ²	
1500 mm	540 kg		1.075 kg/m ²	

L (mm)	B (mm)	kg/m ²
4000	1220	48
1985	996	48

L/125 = 0,75%


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300 mm	186 kg	2 x F	1.023 kg/m ²	3 x q
450 mm	110 kg	3 x F	461 kg/m ²	4 x q
600 mm	78 kg	4 x F	203 kg/m ²	5 x q
750 mm	55 kg	5 x F	107 kg/m ²	7 x q
900 mm	41 kg	6 x F	72 kg/m ²	8 x q
1000 mm	34 kg	7 x F	46 kg/m ²	9 x q
1200 mm	23 kg	8 x F	33 kg/m ²	10 x q

L (mm)	B (mm)	kg/m ²
4000	1220	9,5
3650	1220	9,5
1990	1020	9,5

L/125 = 0,76%



CONSTRUFIBRA S.L.

CATÁLOGO DE PRODUCTO



CONSTRUFIBRA S.L.

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