

Technische specificaties Vlak polycarbonaat

4 mm

2-wandig

6 mm

2-wandig

8 mm

2-wandig

4-wandig

10 mm

2-wandig

4-wandig

16 mm

3-wandig

5-wandig

7-wandig

M-structuur

X-structuur 2.0

X-structuur 2.5

20 mm

7-wandig

25 mm

5-wandig

X-structuur

30 mm

2-wandig

32 mm

7-wandig

9-wandig

XX-structuur

35 mm

7-wandig

XX-structuur

40 mm

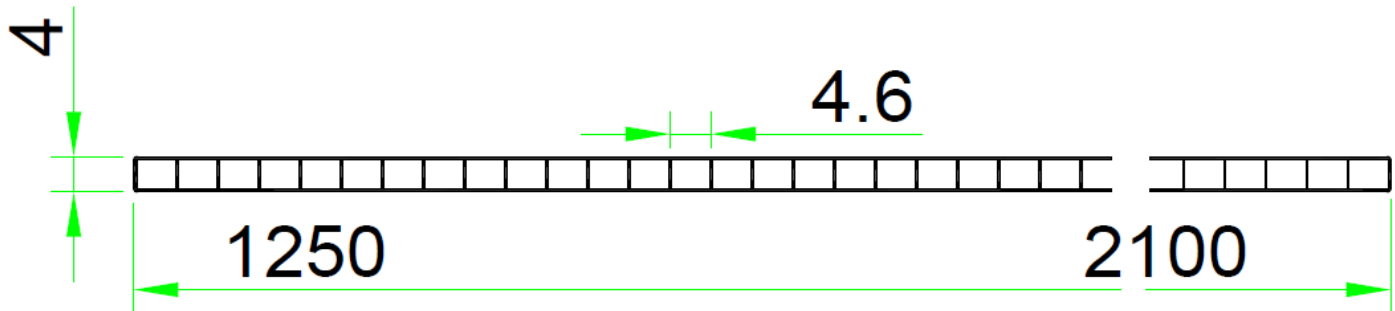
10-wandig

55 mm

10-wandig

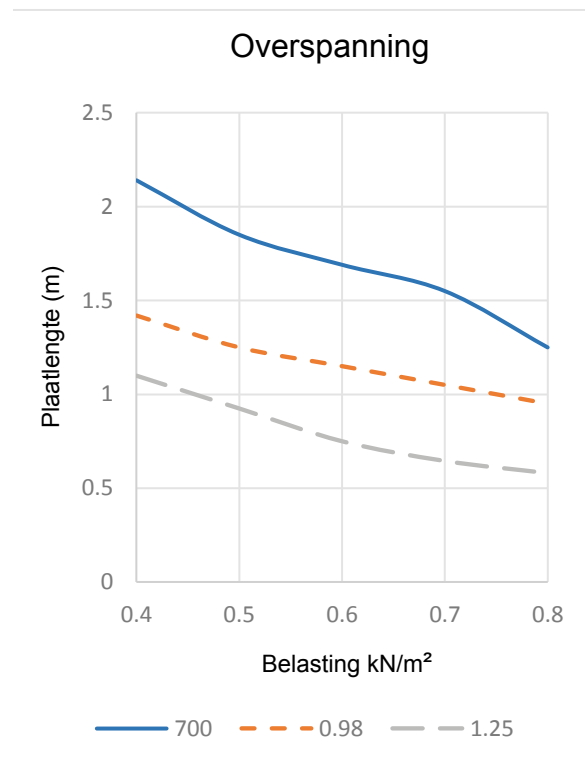
Technisch Datablad

Marlon ST 4 mm 2 wandig



Belastingstabel			
Belasting kN/m ²	Plaatbreedte		
	700mm	980mm	1250mm
0.4	2.14	1.42	1.1
0.5	1.85	1.25	0.925
0.6	1.69	1.15	0.75
0.7	1.55	1.05	0.645
0.8	1.25	0.95	0.58

De overspanningscijfers zijn gebaseerd op een gording-overlap van 20 mm plus een veiligheidsfactor van 1,2.



Transmissie

Kleur	Licht (LTA)	Zon (ZTA)
Helder	85%	84%
Brons	28%	-
Opaal	40%	49%

Producteigenschappen

Tolleranties	
Breedte	≤1250 mm +/- 4 mm
	≤2100 mm -0, +8 mm
Lengte	5 m -0, +10 mm
	Over 5 m -0, +25 mm
Dikte	4mm +/-0.5 mm
Gewicht	0.8Kg/m ²
U-waarde	3.9W/m ² K
Minimale buigradius	600mm



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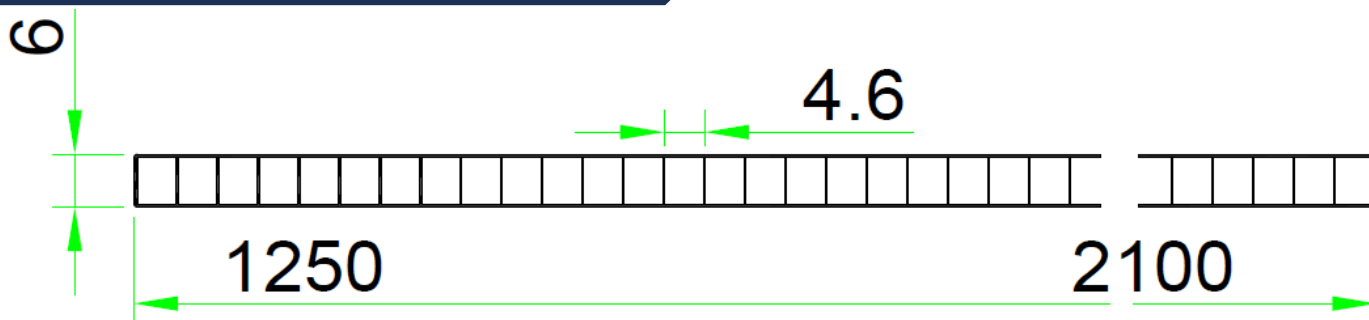
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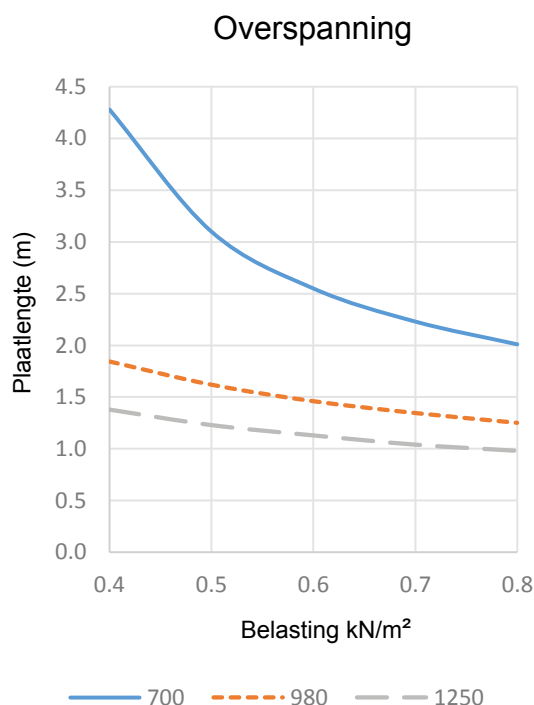
Technisch Datablad

Marlon ST 6 mm 2 wandig



Belastingstabel			
Belasting kN/m ²	Plaatbreedte		
	700mm	980mm	1250mm
0.4	4.28	1.85	1.38
0.5	3.10	1.62	1.23
0.6	2.55	1.46	1.13
0.7	2.23	1.35	1.04
0.8	2.01	1.25	0.98

De overspanningscijfers zijn gebaseerd op een gording-overlap van 20 mm plus een veiligheidsfactor van 1,2.



Transmissie

Kleur	Licht (LTA)	Zon (ZTA)
Helder	82%	83%
Brons	26%	-
Opaal	39%	49%

Producteigenschappen

Tolleranties	
Breedte	≤1250 mm +/- 4 mm
	≤2100 mm -0, +8 mm
Lengte	5 m -0, +10 mm
	Over 5 m -0, +25 mm
Dikte	6mm +/-0.5 mm
Gewicht	1.3Kg/m ²
U-waarde	3.7W/m ² K
Minimale buigradius	900mm



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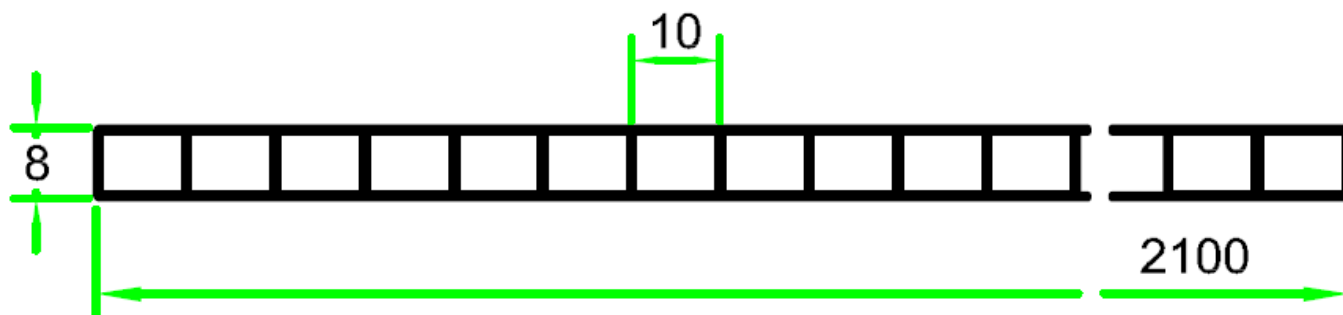
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Technisch Datablad

Marlon ST 8 mm 2 wandig

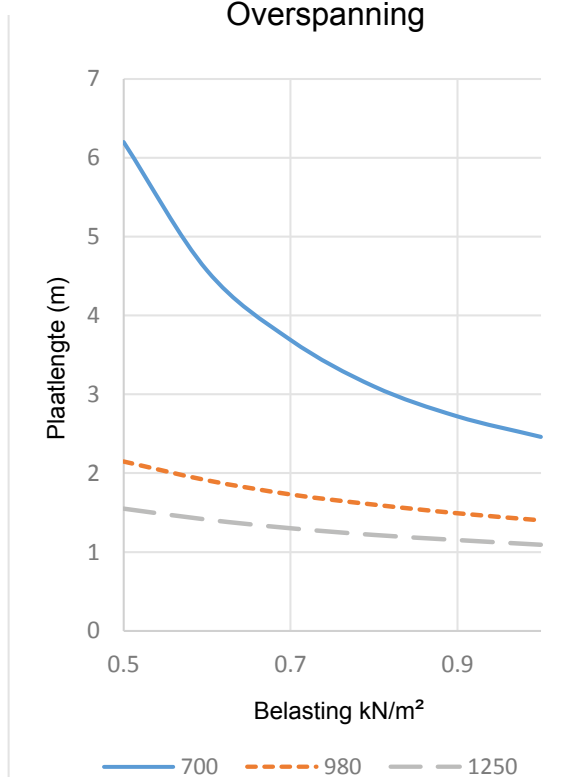


Belastingstabel

Belasting kN/m ²	Plaatbreedte		
	700mm	980mm	1250mm
0.5	6.20	2.15	1.55
0.6	4.57	1.91	1.41
0.7	3.69	1.73	1.30
0.8	3.10	1.60	1.22
0.9	2.72	1.49	1.15
1.0	2.46	1.40	1.09

De overspanningscijfers zijn gebaseerd op een gording-overlap van 20 mm plus een veiligheidsfactor van 1,2.

Overspanning



Transmissie

Kleur	Licht (LTA)	Zon (ZTA)
Helder	82%	83%
Brons	20%	60%
Opaal	39%	59%

Producteigenschappen

	Tolleranties
Breedte	≤1250 mm +/- 4 mm
	≤2100 mm -0, +8 mm
Lengte	6 m -0, +10 mm
	Over 6 m -0, +25 mm
Dikte	8mm +/-0.5 mm
Gewicht	1.5Kg/m ²
U-waarde	3.4W/m ² K
Minimale buigradius	1200mm



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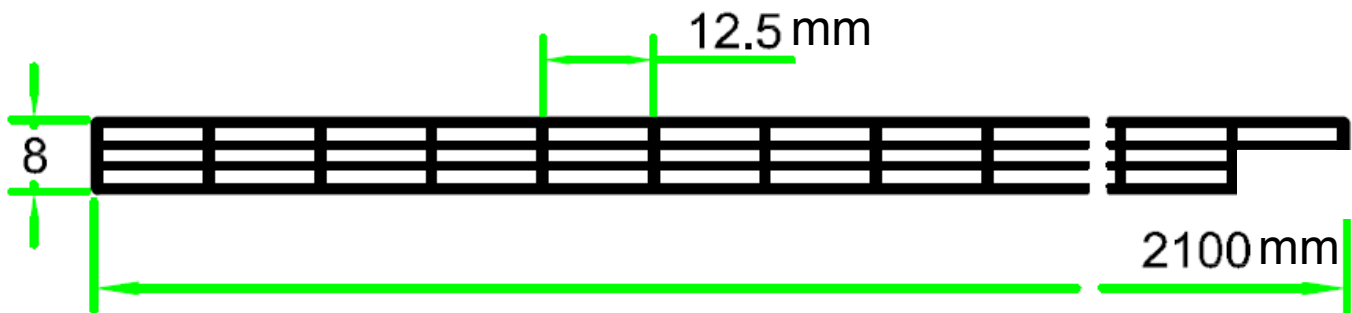
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Technisch Datablad

Marlon ST 8 mm 4 wandig

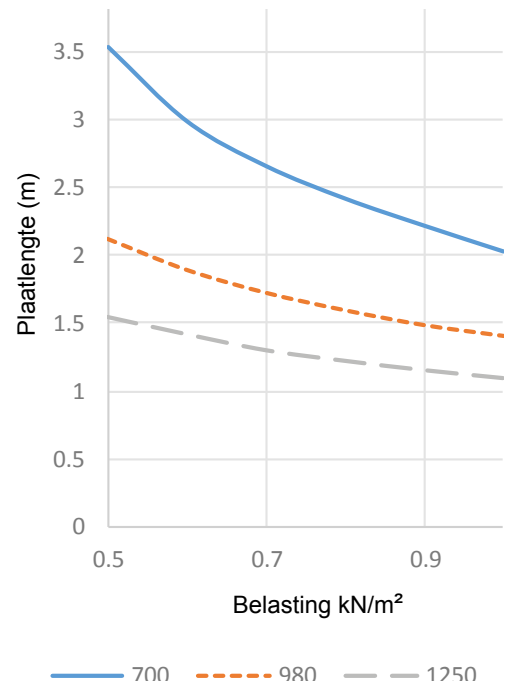


Belastingstabel

Belasting kN/m ²	Plaatbreedte		
	700mm	980mm	1250mm
0.5	3.54	2.12	1.55
0.6	2.99	1.89	1.42
0.7	2.66	1.72	1.30
0.8	2.42	1.59	1.22
0.9	2.22	1.48	1.15
1.0	2.03	1.40	1.09

De overspanningscijfers zijn gebaseerd op een gording-overlap van 20 mm plus een veiligheidsfactor van 1,2.

Overspanning



Transmissie

Kleur	Licht (LTA)	Zon (ZTA)
Helder	74%	-
Brons	21%	-
Opaal	39%	-

Producteigenschappen

Tolleranties	
Breedte	≤1250 mm +/- 4 mm
	≤2100 mm -0, +8 mm
Lengte	6 m -0, +10 mm
	Over 6 m -0, +25 mm
Dikte	8mm +/-0.5 mm
Gewicht	1.5Kg/m ²
U-waarde	2.8W/m ² K
Minimale buigradius	1200mm



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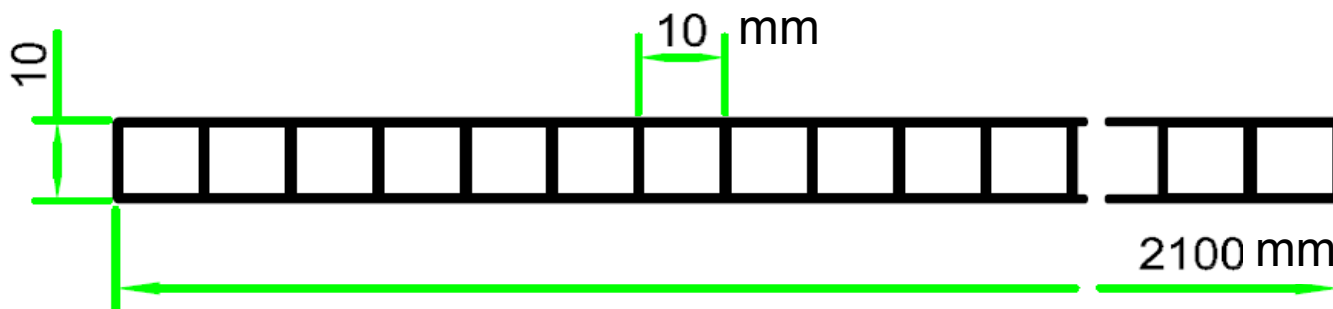
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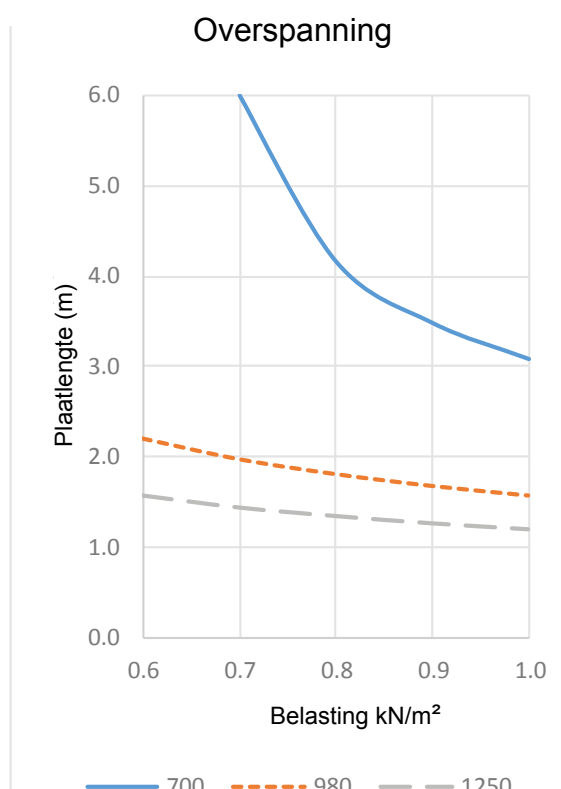
Technisch Datablad

Marlon ST 10 mm 2 wandig



Belastingstabel			
Belasting kN/m ²	Plaatbreedte		
	700mm	980mm	1250mm
0.6		2.19	1.56
0.7	6.00	1.97	1.44
0.8	4.16	1.80	1.35
0.9	3.48	1.67	1.27
1.0	3.08	1.57	1.21

De overspanningscijfers zijn gebaseerd op een gording-overlap van 20 mm plus een veiligheidsfactor van 1,2.



Transmissie

Kleur	Licht (LTA)	Zon (ZTA)
Helder	82%	80%
Brons	33%	55%
Opaal	40%	47%

Producteigenschappen

Tolleranties	
Breedte	≤1250 mm +/- 4 mm
	≤2100 mm -0, +8 mm
Lengte	6 m -0, +10 mm
	Over 6 m -0, +25 mm
Dikte	10mm +/-0.5 mm
Gewicht	1.7Kg/m ²
U-waarde	3.2W/m ² K
Minimale buigradius	1500mm



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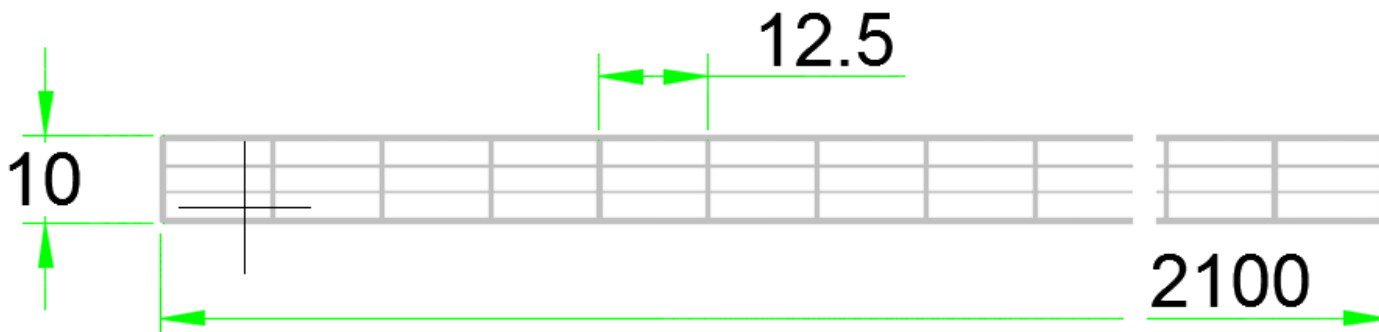
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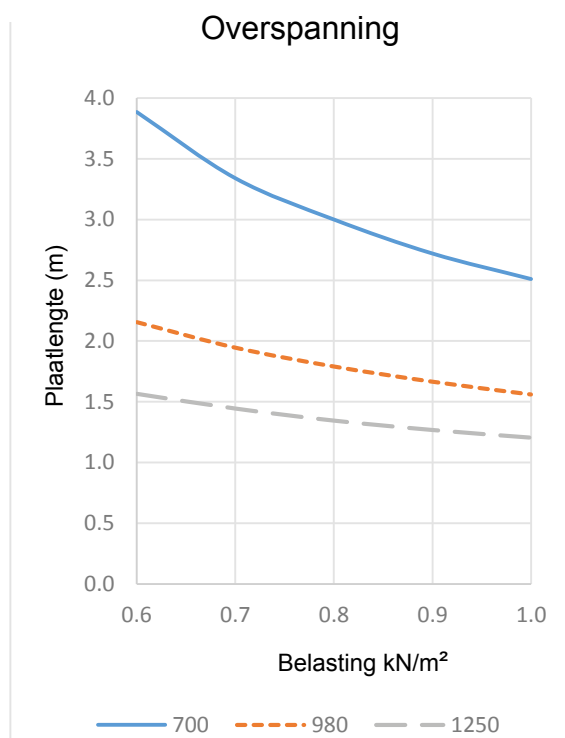
Technisch Datablad

Marlon ST 10 mm 4 wandig



Belastingstabel			
Belasting kN/m ²	Plaatbreedte		
	700mm	980mm	1250mm
0.6	3.89	2.16	1.57
0.7	3.34	1.95	1.44
0.8	3.00	1.79	1.35
0.9	2.72	1.67	1.27
1.0	2.51	1.56	1.21

De overspanningscijfers zijn gebaseerd op een gording-overlap van 20 mm plus een veiligheidsfactor van 1,2.



Transmissie

Kleur	Licht (LTA)	Zon (ZTA)
Helder	74%	73%
Brons	30%	52%
Opaal	34%	54%
Opal/gold	30%	20%

Producteigenschappen

	Tolleranties
Breedte	<1250 mm +/- 4 mm 1250 to 2100 mm -0, +8 mm
Lengte	6 m -0, +10 mm Over 6 m -0, +25 mm
Dikte	10mm +/-0.5 mm
Gewicht	1.7 Kg/m ²
U-waarde	2.5 W/m ² K
Minimale buigradius	1500 mm



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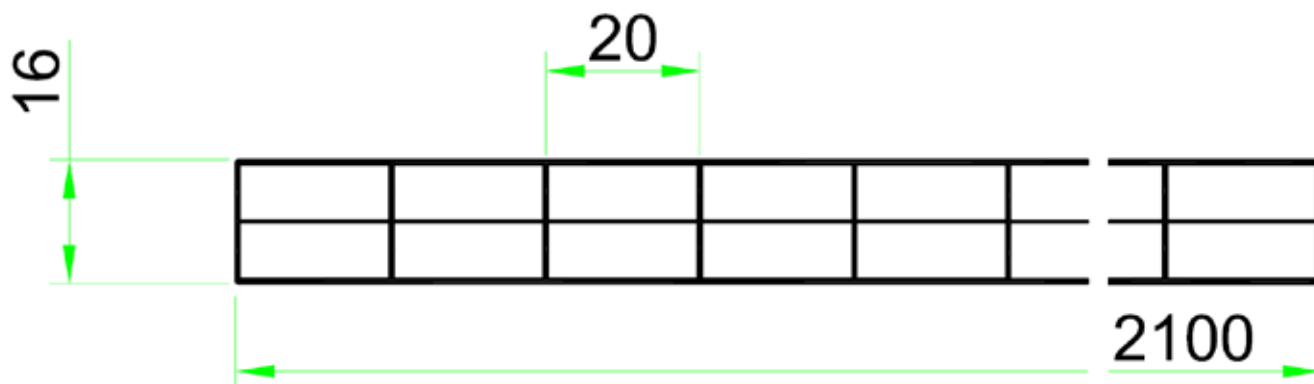
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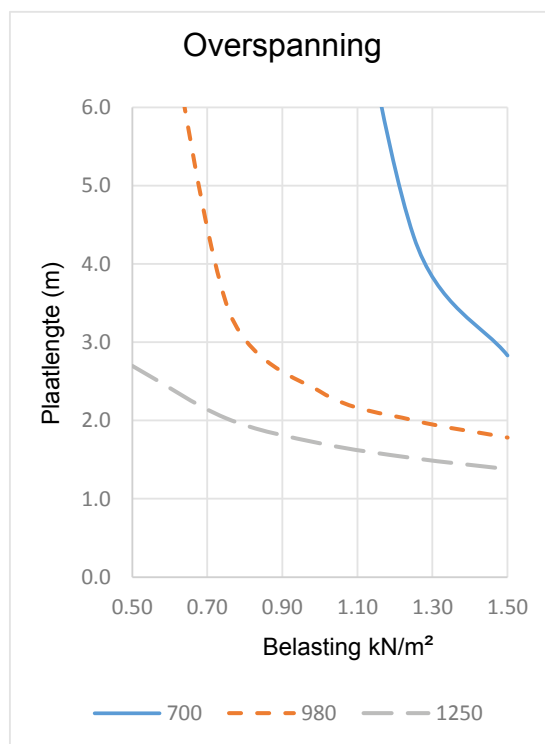
Technisch Datablad

Marlon ST 16 mm 3 wandig



Belastingstabel			
Belasting kN/m ²	Plaatbreedte		
	700	980	1250
0.50			2.7
0.75		3.5	2.0
1.00		2.4	1.7
1.25	4.4	2.0	1.5
1.50	2.8	1.8	1.4

De overspanningscijfers zijn gebaseerd op een gording-overlap van 20 mm plus een veiligheidsfactor van 1,2.



Transmissie

Kleur	Licht (LTA)	Zon (ZTA)
Helder	77%	73%
Brons	18%	44%
Opaal	42%	47%

Producteigenschappen

Tolleranties	
Breedte	<1250mm +/- 4 mm
	<2100mm -0, +8 mm
Lengte	6 m -0, +10 mm
	Over 6 m -0, +25 mm
Dikte	16mm +/-0.5 mm
Gewicht	2.7 Kg/m ²
U-waarde	2.4 W/m ² K
Minimale buigradius	2400mm



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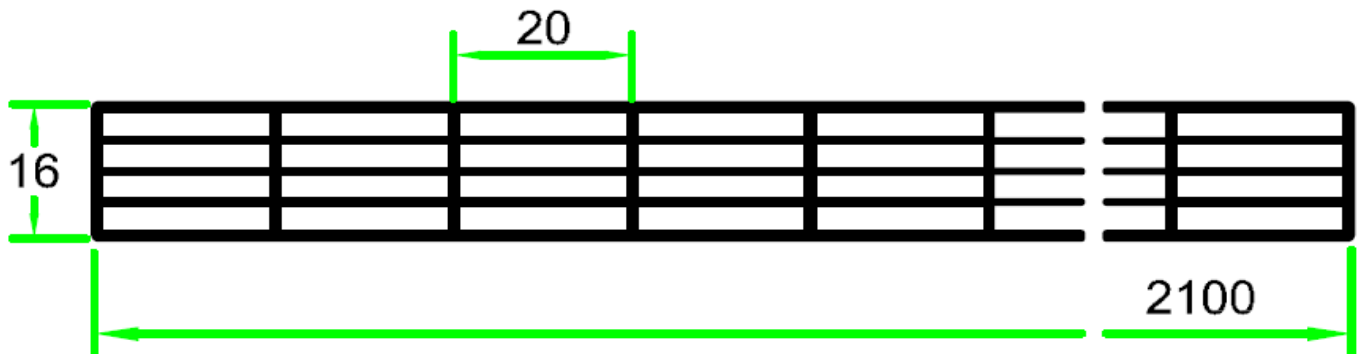
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Technisch Datablad

Marlon ST 16 mm 5 wandig

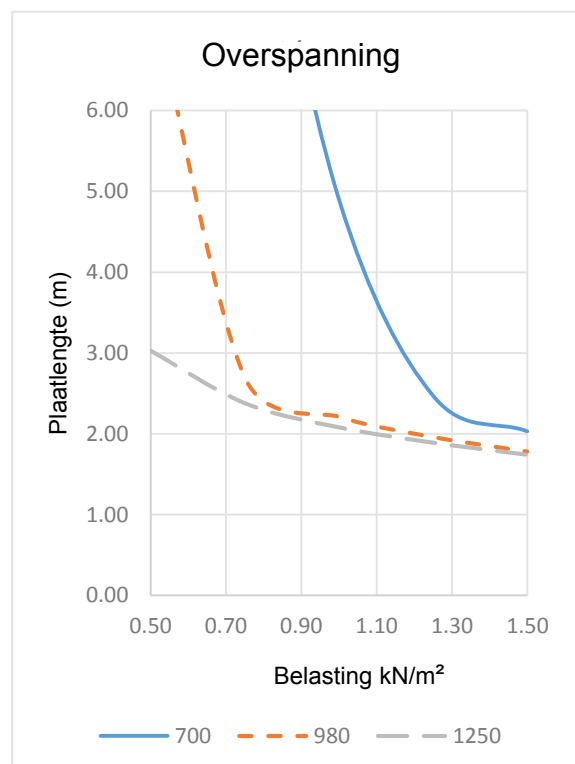


Belastingstabel

Belasting kN/m ²	Plaatbreedte		
	700mm	980mm	1250mm
0.50			3.03
0.75		2.70	2.38
1.00		2.21	2.08
1.25	2.47	1.96	1.89
1.50	2.03	1.78	1.74

De overspanningscijfers zijn gebaseerd op een gording-overlap van 20 mm plus een veiligheidsfactor van 1,2.

Overspanning



Transmissie

Kleur	Licht (LTA)	Zon (ZTA)
Helder	69%	68%
Brons	16%	43%
Opaal	39%	44%

Producteigenschappen

	Tolleranties
Breedte	≤1250 mm +/- 4 mm
	≤2100 mm -0, +8 mm
	6 m -0, +10 mm
	Over 6 m -0, +25 mm
Dikte	16mm +/-0.5 mm
Gewicht	2.7Kg/m ²
U-waarde	1.9W/m ² K
Minimale buigradius	3200mm



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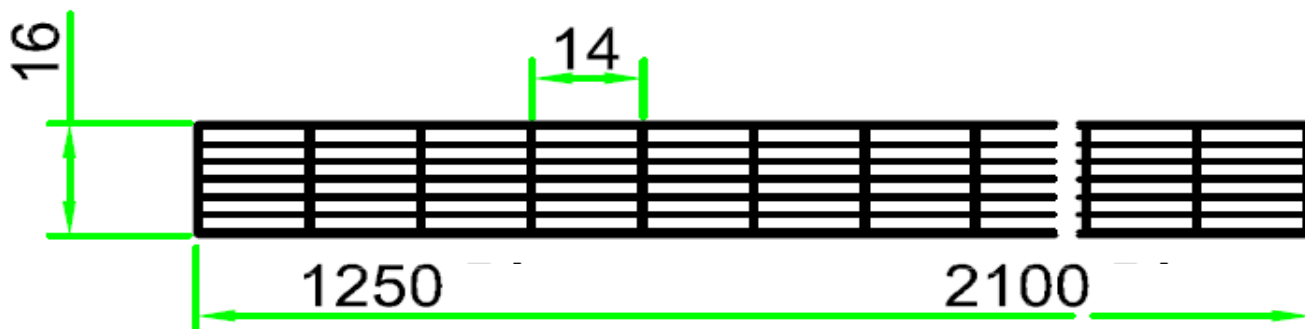
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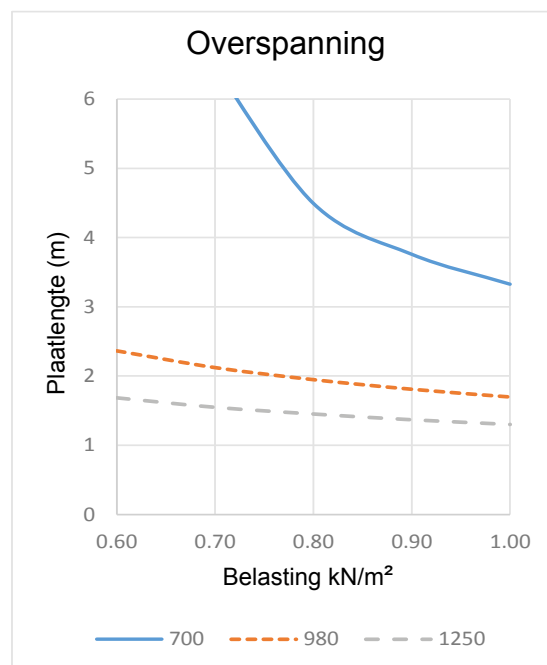
Technisch Datablad

Marlon ST 16 mm 7 wandig



Belastingstabel			
Belasting kN/m ²	Plaatbreedte		
	700mm	980mm	1250mm
0.60		2.37	1.69
0.70		2.12	1.55
0.80	4.49	1.95	1.45
0.90	3.76	1.81	1.37
1.00	3.33	1.70	1.30

De overspanningscijfers zijn gebaseerd op een gordingoverlap van 20 mm plus een veiligheidsfactor van 1,2.



Transmissie

Kleur	Licht (LTA)	Zon (ZTA)
Helder	64%	60%
Opaal	44%	22%
Pearlescent	56%	33%
Brons	16%	29%

Producteigenschappen

	Tolleranties
Breedte	<1250mm +/- 4 mm
	<2100 mm -0, +8mm
Lengte	Up to 5 m -0, +10 mm
	Over 5 m -0, +25mm
Dikte	16mm +/-0.5 mm
Gewicht	2.5 Kg/m ²
U-waarde	1.78 W/m ² K
Minimale buigradius	3200 mm



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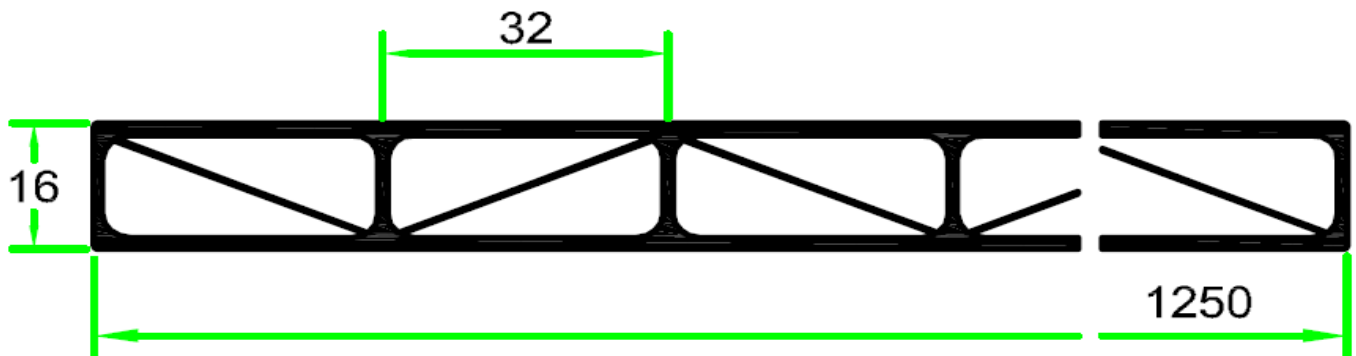
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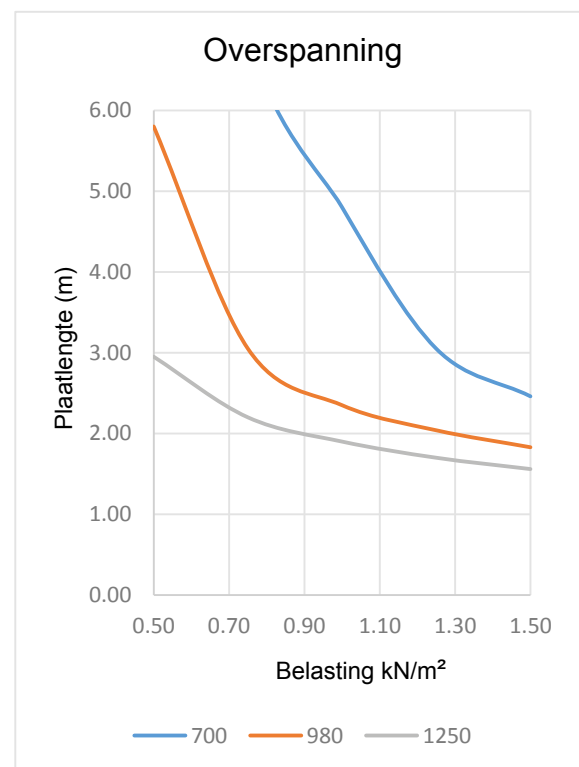
Marlon ST 16 mm 2 wandig

M-profiel



Belastingstabel			
Belasting kN/m ²	Plaatbreedte		
	700mm	980mm	1250mm
0.50	15.00	5.80	2.95
0.75	7.00	3.05	2.20
1.00	4.80	2.35	1.90
1.25	3.05	2.04	1.70
1.50	2.46	1.83	1.56

De overspanningscijfers zijn gebaseerd op een gording-overlap van 20 mm plus een veiligheidsfactor van 1,2.



Transmissie

Kleur	Licht (LTA)	Zon (ZTA)
Helder	73%	-
Opaal	35%	-

Producteigenschappen

Tolleranties	
Breedte	≤1250 mm +/- 4 mm
Lengte	6 m -0, +10 mm Over 6 m -0, +25 mm
Dikte	16mm +/-0.5 mm
Gewicht	2.8Kg/m ²
U-waarde	2.2W/m ² K
Minimale buigradius	12000mm



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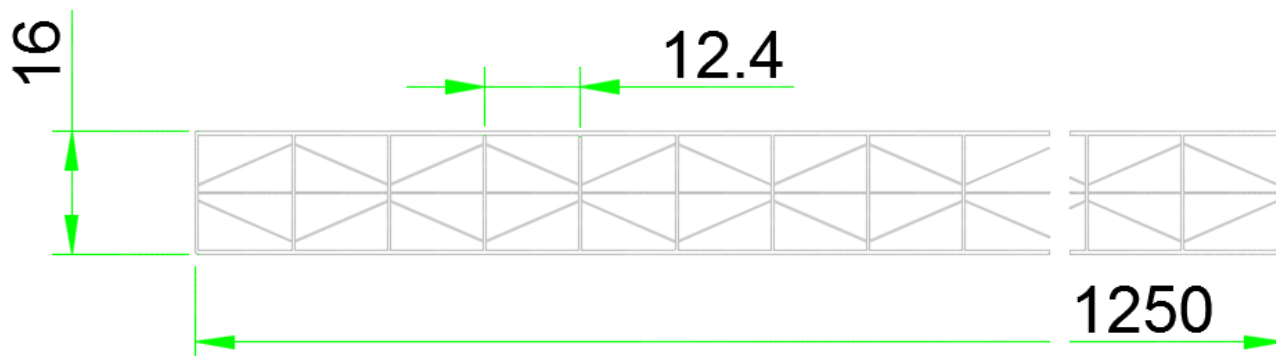
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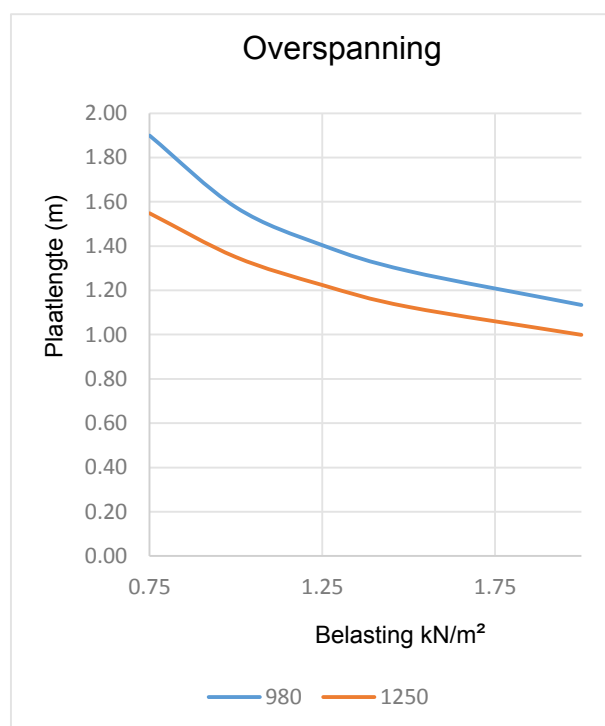
Marlon ST 16 mm X-structuur

2.0 kg/m²



Belastingstabel		
Belasting kN/m ²	Plaatbreedte	
		980
0.75	1900	1550
1.00	1580	1350
1.25	1400	1220
1.50	1290	1130
2.00	1130	1000

De overspanningscijfers zijn gebaseerd op een gording-overlap van 20 mm plus een veiligheidsfactor van 1,2.



Transmissie

Kleur	Licht (LTA)	Zon (ZTA)
Helder	66%	69%
Brons	14%	42%
Opaal (v)	41%	44%
Pearlescent	59%	39%
Nordic Opal (NQ)	39%	34%

Producteigenschappen

Tolleranties	
Breedte	<1250 mm +/- 4 mm
Lengte	6 m -0, +10 mm
	Over 6 m -0, +25 mm
Dikte	16mm +/-0.5 mm
Gewicht	2.0 Kg/m ²
U-waarde	2.0 W/m ² K
Minimale buigradius	6000 mm



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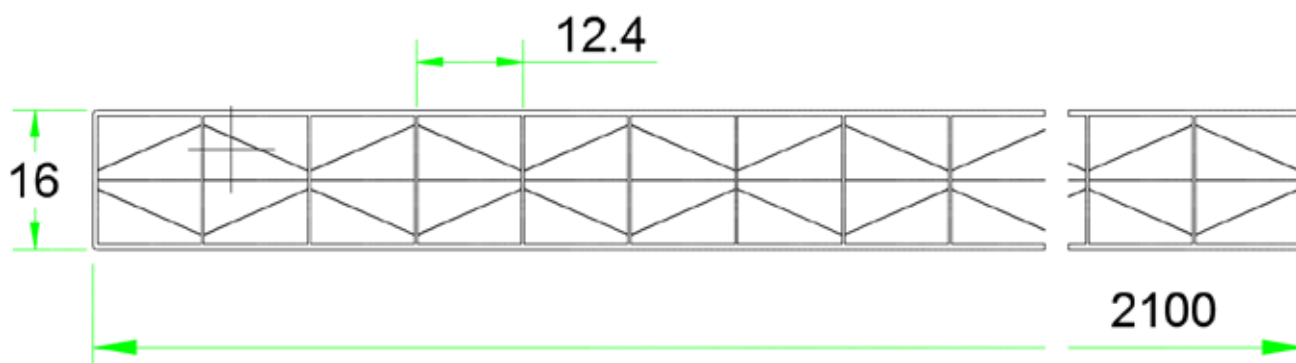
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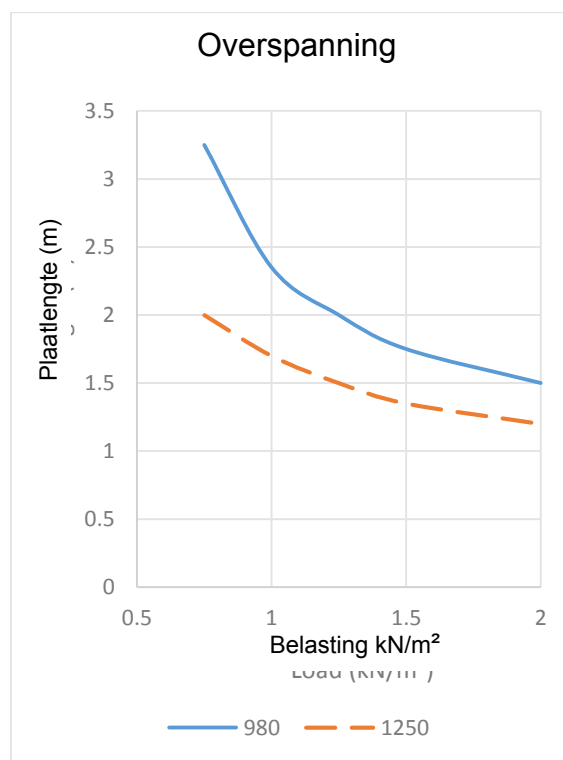
Marlon ST 16 mm X-structuur

2.5 kg/m²



Belastingstabel		
Belasting kN/m ²	Plaatbreedte	
		980
0.75	3250	2000
1.00	2350	1700
1.25	2000	1500
1.50	1750	1350
2.00	1500	1200

De overspanningscijfers zijn gebaseerd op een gording-overlap van 20 mm plus een veiligheidsfactor van 1,2.



Transmissie

Kleur	Licht (LTA)	Zon (ZTA)
Helder	66%	69%
Brons	14%	42%
Opaal (v)	41%	44%
Pearlescent	59%	39%
Nordic Opal (NQ)	39%	34%

Producteigenschappen

Tolleranties	
Breedte	<1250 mm +/- 4 mm
	<2100mm -0, +8 mm
Lengte	6 m -0, +10 mm
	Over 6 m -0, +25 mm
Dikte	16mm +/-0.5 mm
Gewicht	2.5 Kg/m ²
U-waarde	2.0 W/m ² K
Minimale buigradius	6000 mm



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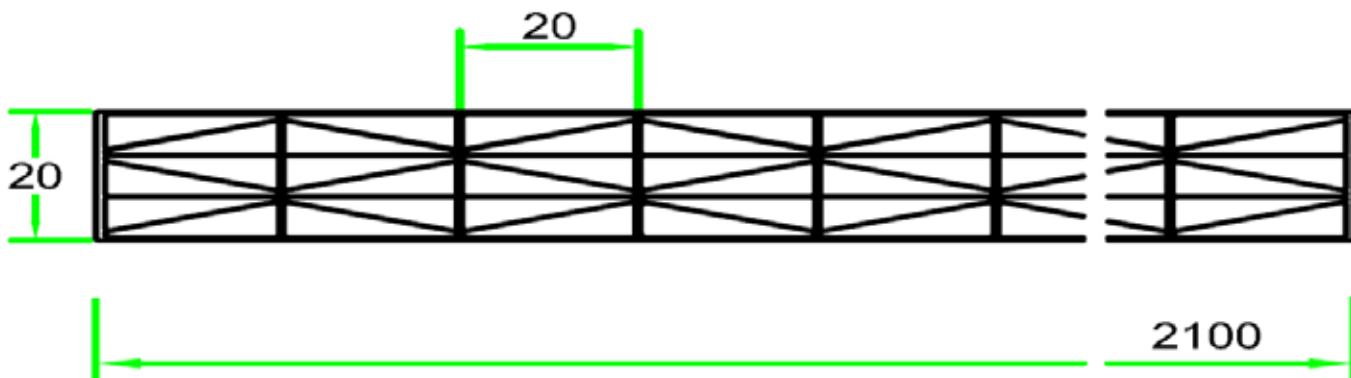
Brett Martin Ltd., 24 Roughfort Road, Mallusk, Co. Antrim, N.Ireland, BT36 4RB.

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Technisch Datablad

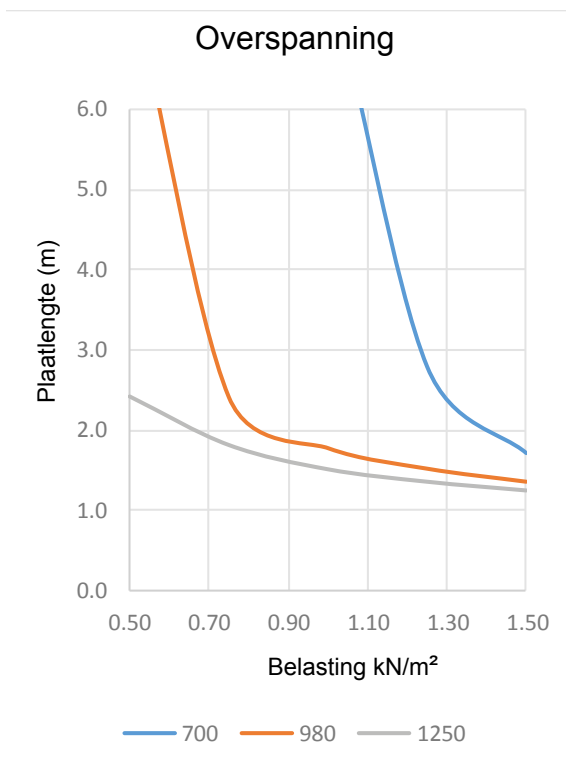
Marlon ST 20 mm 7 wandig

X-profiel



Belastingstabel			
Belasting kN/m ²	Plaatbreedte		
	700mm	980mm	1250mm
0.50			2.4
0.75		2.4	1.8
1.00		1.8	1.5
1.25	2.8	1.5	1.4
1.50	1.7	1.4	1.2

De overspanningscijfers zijn gebaseerd op een gording-overlap van 20 mm plus een veiligheidsfactor van 1,2.



Transmissie

Kleur	Licht (LTA)	Zon (ZTA)
Helder	62%	39%
Opaal	28%	-

Producteigenschappen

Tolleranties	
Breedte	≤2100 mm - 0, +8 mm
Lengte	6 m - 0, +10 mm Over 6 m - 0, +25 mm
Dikte	20mm +/-0.5 mm
Gewicht	2.8Kg/m ²
U-waarde	1.6W/m ² K
Minimale buigradius	Niet aan te raden



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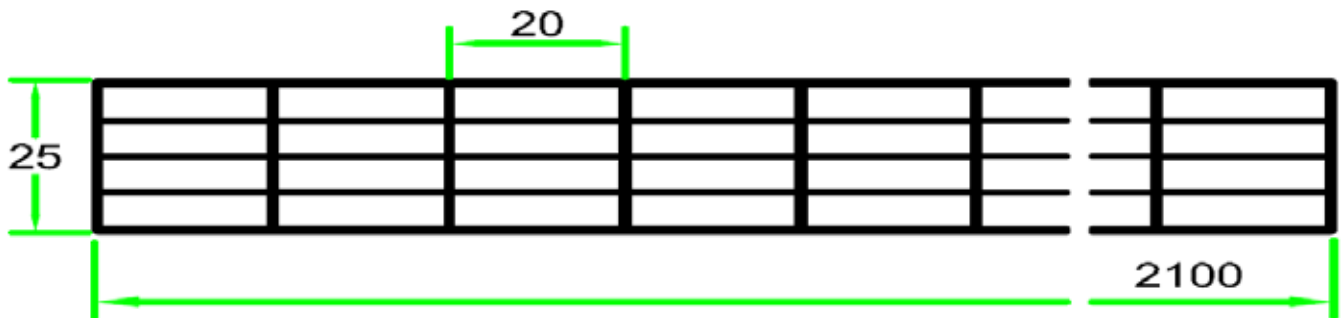
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Technisch Datablad

Marlon ST 25 mm 5 wandig

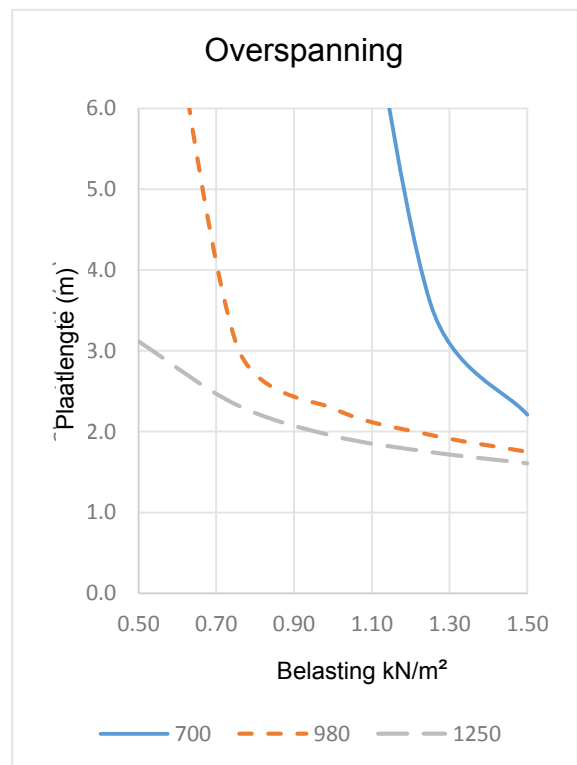


Belastingstabel

Belasting kN/m ²	Plaatbreedte		
	700mm	980mm	1250mm
0.50			3.1
0.75		3.1	2.3
1.00		2.3	2.0
1.25	3.6	2.0	1.8
1.50	2.2	1.8	1.6

De overspanningscijfers zijn gebaseerd op een gording- of overlap van 20 mm plus een veiligheidsfactor van 1,2.

Overspanning



Transmissie

Kleur	Licht (LTA)	Zon (ZTA)
Helder	68%	65%
Brons	11%	39%
Opaal	30%	45%

Producteigenschappen

Tolleranties	
Breedte	≤1250 mm +/- 4 mm
	≤2100 mm -0, +8 mm
Lengte	6 m -0, +10 mm
	Over 6 m -0, +25 mm
Dikte	25mm +/-0.5 mm
Gewicht	3.4Kg/m ²
U-waarde	1.6W/m ² K
Minimale buigradius	5250mm



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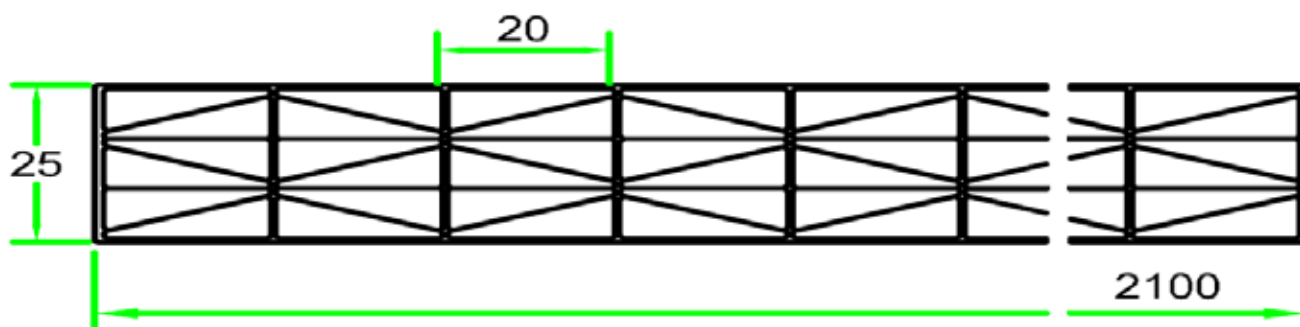
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Technisch Datablad

Marlon ST 25 mm 7 wandig

X-structuur

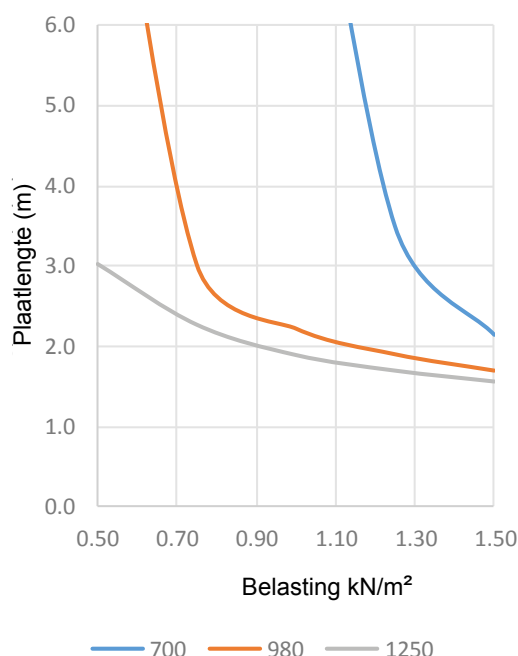


Belastingstabel

Belasting kN/m ²	Plaatbreedte		
	700mm	980mm	1250mm
0.50			3.0
0.75		3.0	2.3
1.00		2.2	1.9
1.25	3.5	1.9	1.7
1.50	2.1	1.7	1.6

De overspanningscijfers zijn gebaseerd op een gordingoverlap van 20 mm plus een veiligheidsfactor van 1,2.

Overspanning



Transmissie

Kleur	Licht (LTA)	Zon (ZTA)
Helder	62%	62%
Brons	8%	39%
Opaal	28%	43%

Producteigenschappen

Tolleranties	
Breedte	≤2100mm -0, +8 mm
Lengte	6 m -0, +10 mm
	Over 6 m -0, +25 mm
Dikte	25mm +/-0.5 mm
Gewicht	3.1Kg/m ²
U-waarde	1.4W/m ² K
Minimale buigradius	Niet aan te raden



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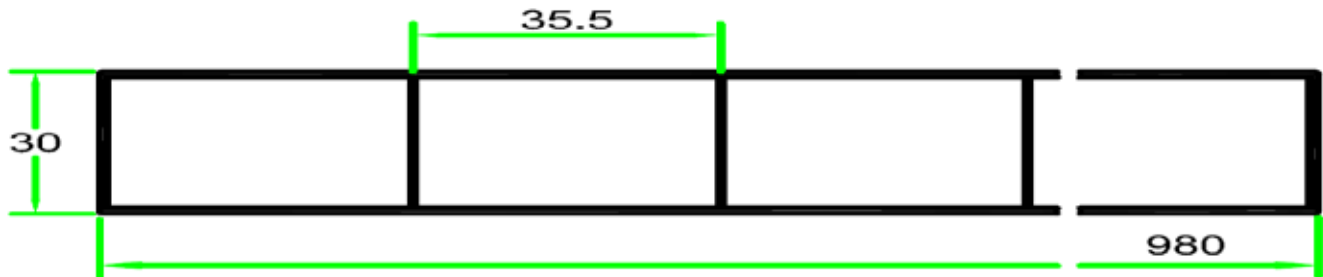
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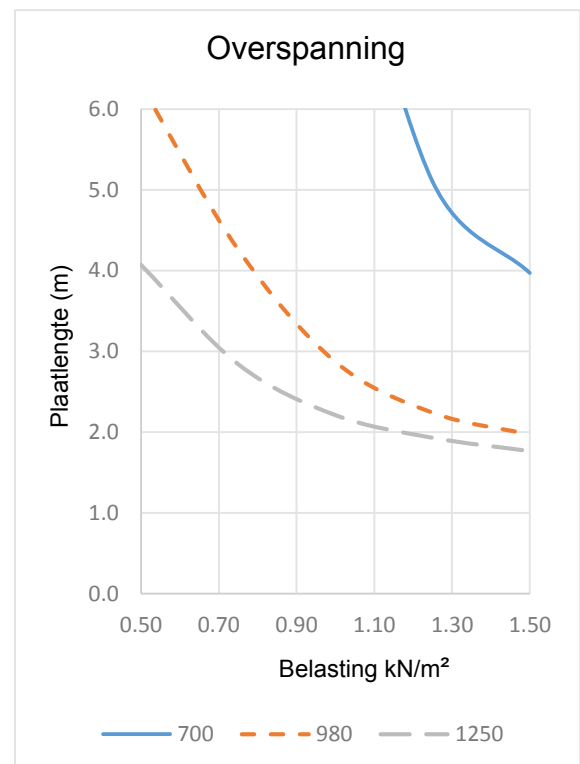
Technisch Datablad

Marlon ST 30 mm 2 wandig



Belastingstabel			
Belasting kN/m ²	Plaatbreedte		
	700mm	980mm	1250mm
0.50			4.1
0.75		4.3	2.8
1.00		2.9	2.2
1.25	5.1	2.2	1.9
1.50	4.0	2.0	1.8

De overspanningscijfers zijn gebaseerd op een gordingoverlap van 20 mm plus een veiligheidsfactor van 1,2.



Transmissie

Kleur	Licht (LTA)	Zon (ZTA)
Helder	77%	-
Brons	18%	-
Opaal	37%	-

Producteigenschappen

Tolleranties	
Breedte	980mm -0, +4mm
Lengte	6 m -0, +10 mm Over 6 m -0, +25 mm
Dikte	30mm +/-0.5 mm
Gewicht	3.5Kg/m ²
U-waarde	2.56W/m ² K
Minimale buigradius	5250mm



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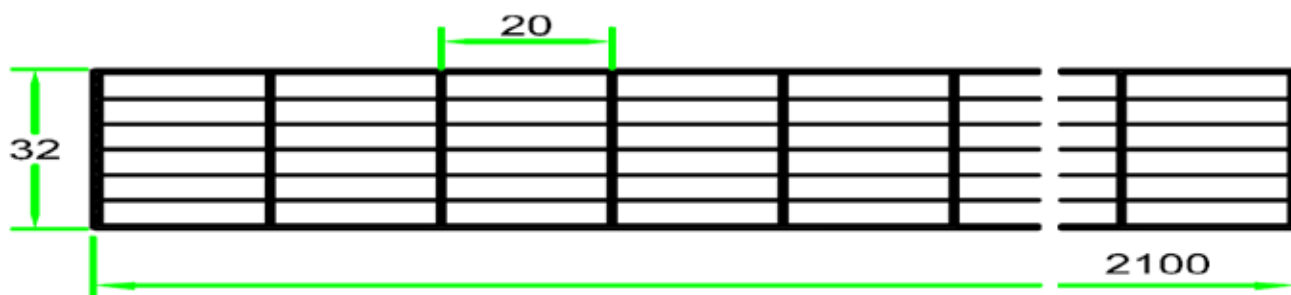
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Technisch Datablad

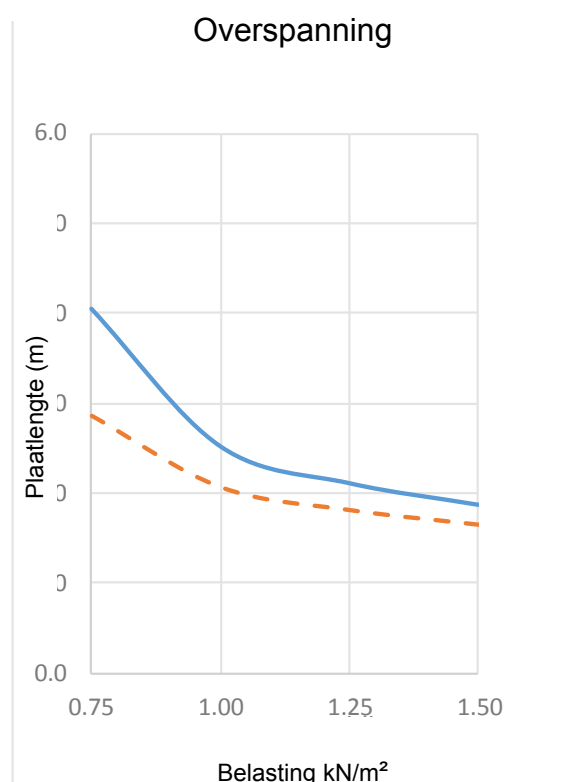
Marlon ST 32 mm

7-wandig



Belastingstabel		
Belasting kN/m ²	Plaatbreedte	
	980mm	1250mm
0.75		2.9
1.00		2.1
1.25		1.8
1.50	1.9	1.7

De overspanningscijfers zijn gebaseerd op een gordingoverlap van 20 mm plus een veiligheidsfactor van 1,2.



Transmissie

Kleur	Licht (LTA)	Zon (ZTA)
Helder	64%	57%
Brons	7%	30%
Opaal	33%	49%

Producteigenschappen

Tolleranties	
Breedte	≤2100 -0, +8 mm
Lengte	6 m -0, +10 mm
	Over 6 m -0, +25 mm
Dikte	32mm +/-0.5 mm
Gewicht	3.6Kg/m ²
U-waarde	1.25W/m ² K
Minimale buigradius	Niet aan te raden



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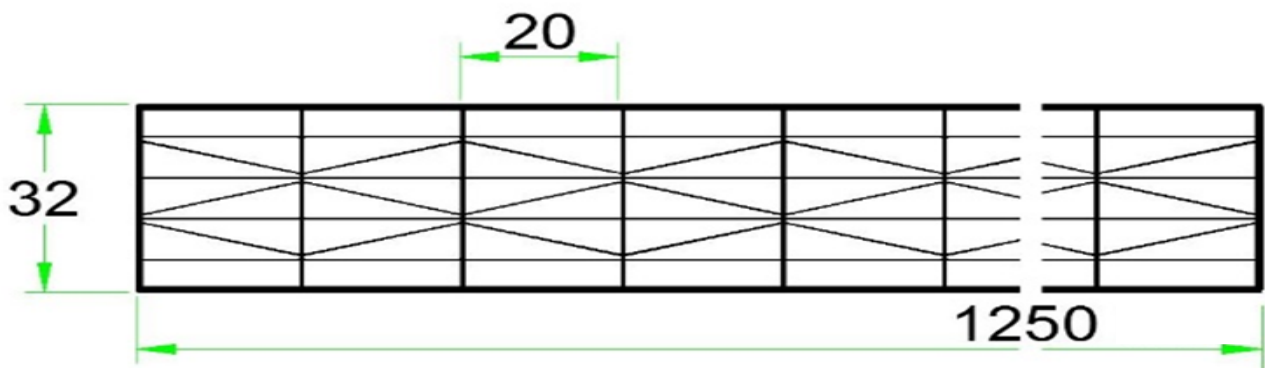
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Technisch Datablad

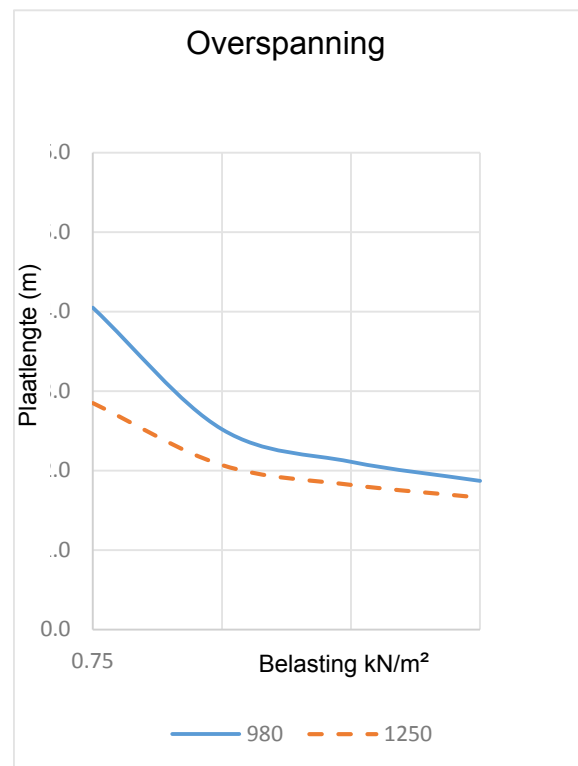
Marlon ST 32 mm 9 wandig

X-structuur



Belastingstabel		
Belasting kN/m ²	Plaatbreedte	
	980mm	1250mm
0.75	4.1	2.9
1.00	2.5	2.1
1.25	2.1	1.8
1.50	1.9	1.7

De overspanningscijfers zijn gebaseerd op een gordingoverlap van 20 mm plus een veiligheidsfactor van 1,2.



Transmissie

Kleur	Licht (LTA)	Zon (ZTA)
Helder	57%	43%
Opaal (NQ)	43%	25%
Pearlescent	48%	25%
Heat Guard	16%	15%

Producteigenschappen

-Tolleranties	
Breedte	≤1250 mm +/- 4 mm
Lengte	6 m -0, +10 mm
	Over 6 m -0, +25 mm
Dikte	32mm +/-0.5 mm
Gewicht	3.6Kg/m ²
U-waarde	1.2W/m ² K
Minimale buigradius	Niet aan te raden



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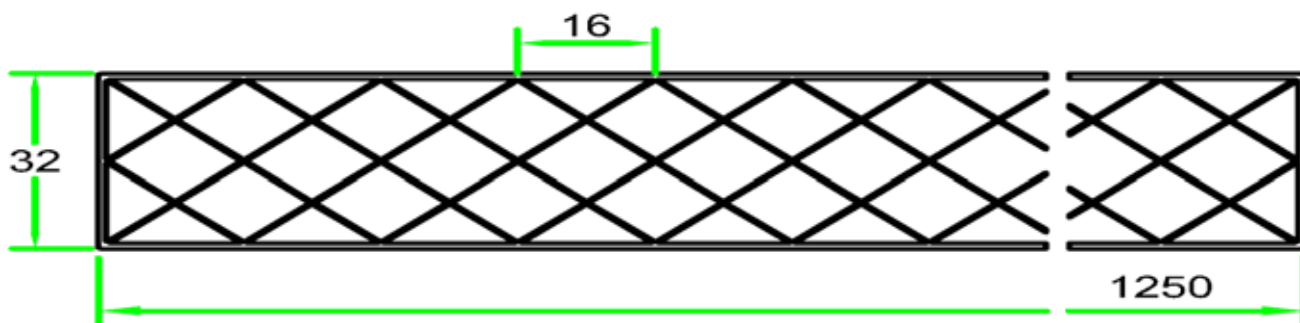
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Technisch Datablad

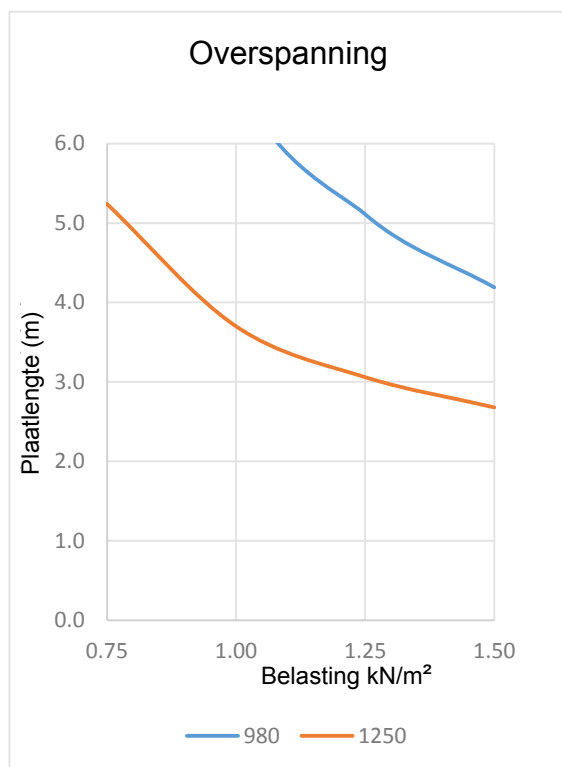
Marlon ST 32 mm

XX-structuur



Belasting kN/m ²	Plaatbreedte	
	980mm	1250mm
0.75	16.0	5.2
1.00	7.0	3.7
1.25	5.1	3.1
1.50	4.2	2.7

De overspanningscijfers zijn gebaseerd op een gordingoverlap van 20 mm plus een veiligheidsfactor van 1,2.



Transmissie

Kleur	Licht (LTA)	Zon (ZTA)
Helder	64%	64%
Brons	11%	-
Opaal	40%	44%

Producteigenschappen

Tolleranties	
Breedte	≤1250 -0, +4 mm
Lengte	6 m -0, +10 mm
	Over 6 m -0, +25 mm
Dikte	32mm +/-0.5 mm
Gewicht	3.8Kg/m ²
U-waarde	1.4W/m ² K
Minimale buigradius	Niet aan te raden



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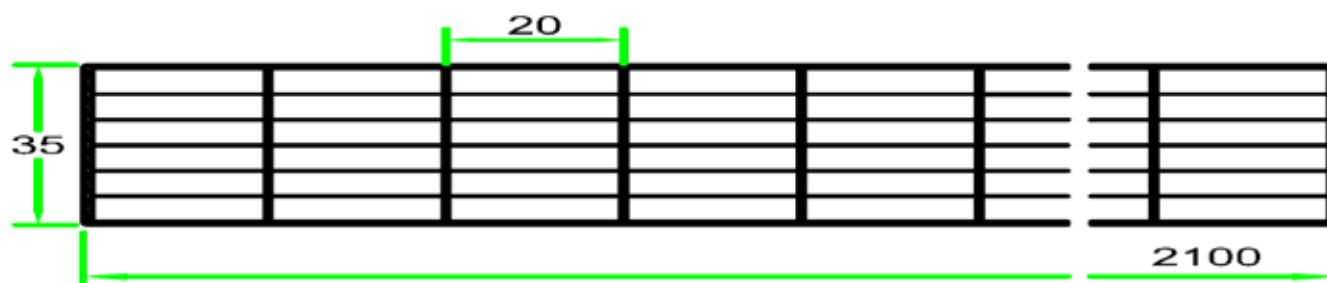
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Technisch Datablad

Marlon ST 35 mm

7-wandig

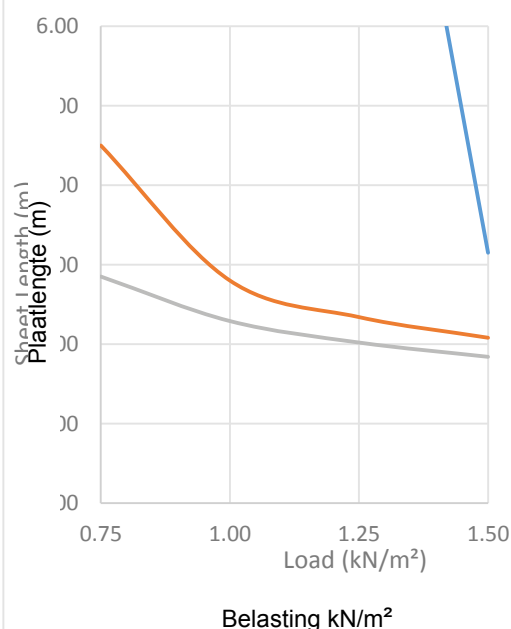


Belastingstabel

Belasting kN/m ²	Plaatbreedte		
	700mm	980mm	1250mm
0.75		4.5	2.9
1.00		2.8	2.3
1.25	12.00	2.3	2.0
1.50	3.15	2.1	1.8

De overspanningscijfers zijn gebaseerd op een gording-overlap van 20 mm plus een veiligheidsfactor van 1,2.

Overspanning



Transmissie

Kleur	Licht (LTA)	Zon (ZTA)
Helder	63%	57%
Brons	7%	20%
Opaal	33%	20%

Producteigenschappen

Tolleranties	
Breedte	≤2100 mm -0, +8 mm
Lengte	6 m -0, +10 mm Over 6 m -0, +25 mm
Dikte	35mm +/-0.5 mm
Gewicht	3.9Kg/m ²
U-waarde	1.2W/m ² K
Minimale buigradius	Niet aan te raden



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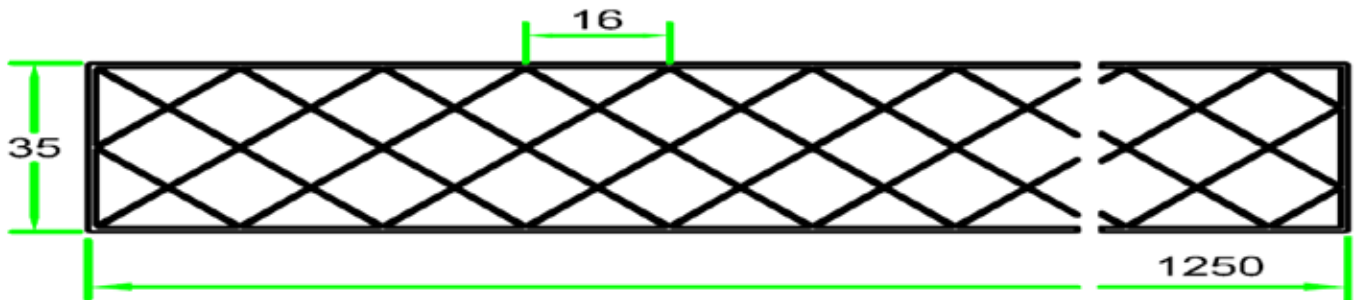
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Technisch Datablad

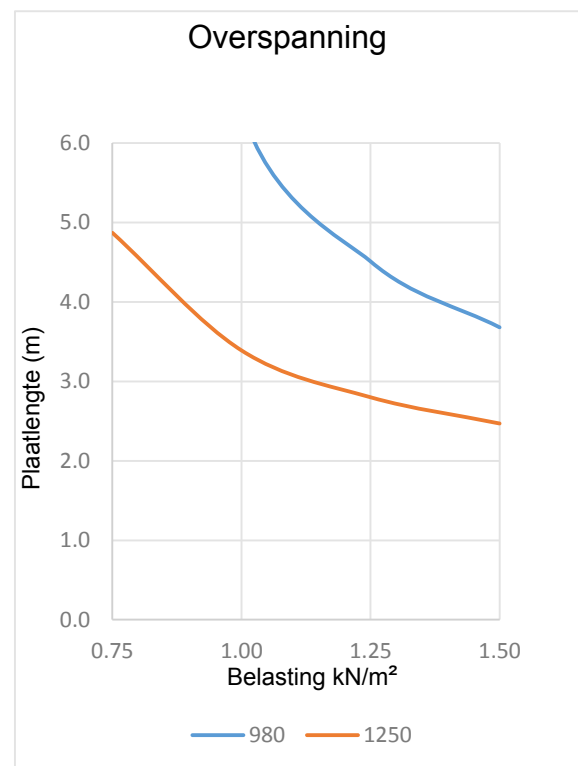
Marlon ST 35 mm

XX-wandig



Belastingstabel		
Belasting kN/m ²	Plaatbreedte	
	980mm	1250mm
0.75	16.0	4.9
1.00	6.5	3.4
1.25	4.5	2.8
1.50	3.7	2.5

De overspanningscijfers zijn gebaseerd op een gordingoverlap van 20 mm plus een veiligheids-



Transmissie

Kleur	Licht (LTA)	Zon (ZTA)
Helder	67%	64%
Brons	11%	39%
Opaal	33%	44%

Producteigenschappen

Tolleranties	
Breedte	1250mm +/- 4 mm
Lengte	6 m -0, +10 mm Over 6 m -0, +25 mm
Dikte	35mm +/-0.5 mm
Gewicht	4.0Kg/m ²
U-waarde	1.4W/m ² K
Minimale buigradius	Niet aan te raden



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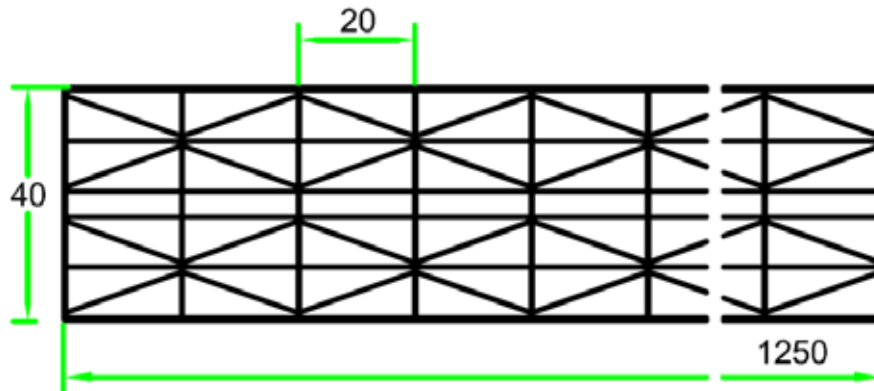
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Technisch Datablad

Marlon ST 40 mm

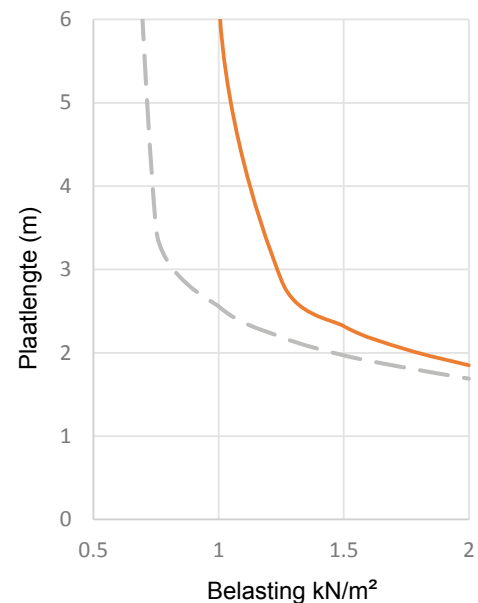
10-wandig



Belastingstabel		
Belasting kN/m ²	Plaatbreedte	
	980	1250
1.00		2.56
1.25	2.88	2.19
1.50	2.32	1.97
1.75	2.04	1.82
2.00	1.85	1.69

De overspanningscijfers zijn gebaseerd op een gordingoverlap van 20 mm plus een veiligheidsfactor van 1,2.

Overspanning



Transmissie

Kleur	Licht (LTA)	Zon (ZTA)
Helder	54%	41%
Brons	30%	17%
Opaal	44%	20%

Producteigenschappen

Tolleranties

Breedte	<1250mm +/- 4 mm
Lengte	5 m -0, +10 mm
	Over 5 m -0, +25 mm
Dikte	40mm +/-0.5 mm
Gewicht	4.3 Kg/m ²
U-waarde	0.99 W/m ² K
Minimale buigradius	20m



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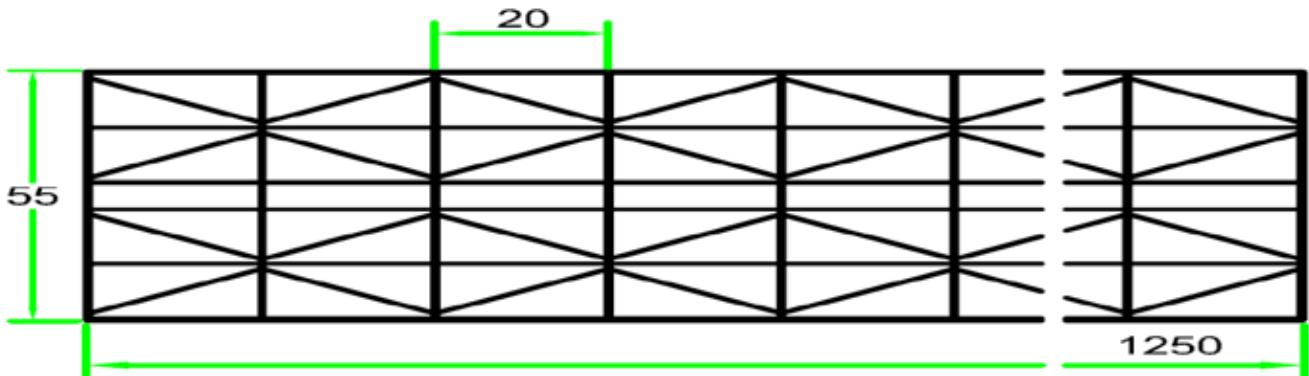
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Technisch Datablad

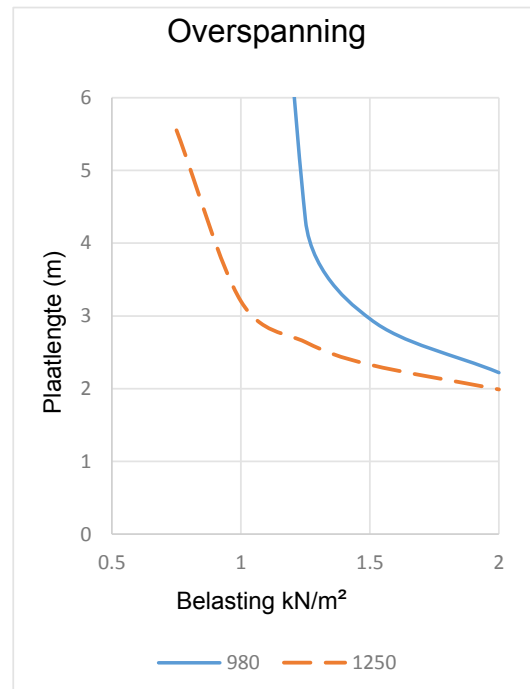
Marlon ST 55 mm

10-wandig



Belastingstabel		
Belasting kN/m ²	Plaatbreedte	
	980mm	1250mm
0.75	-	5.5
1.00	-	3.2
1.25	4.32	2.64
1.50	2.96	2.33
2.00	2.22	1.99

De overspanningscijfers zijn gebaseerd op een gordingoverlap van 20 mm plus een veiligheidsfactor



Transmissie

Kleur	Licht (LTA)	Zon (ZTA)
Helder	52%	51%
Opaal	32%	46%

Producteigenschappen

Tolleranties	
Breedte	≤1250 mm +/- 4 mm
Lengte	6 m -0, +10 mm Over 6 m -0, +25 mm
Dikte	55mm +/-0.5 mm
Gewicht	5.0Kg/m ²
U-waarde	0.83W/m ² K
Minimale buigradius	Niet aan te raden



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