



Project: TL 6020	Contract: 1388-1
Subject: Connection details	Sheet No. 1
Date: 27/05/2020	By: TS

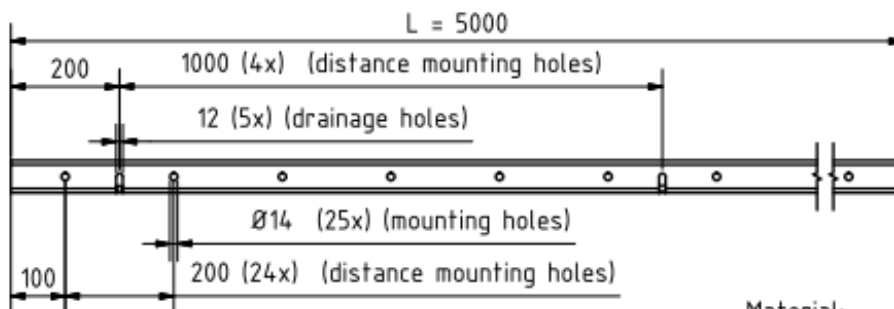
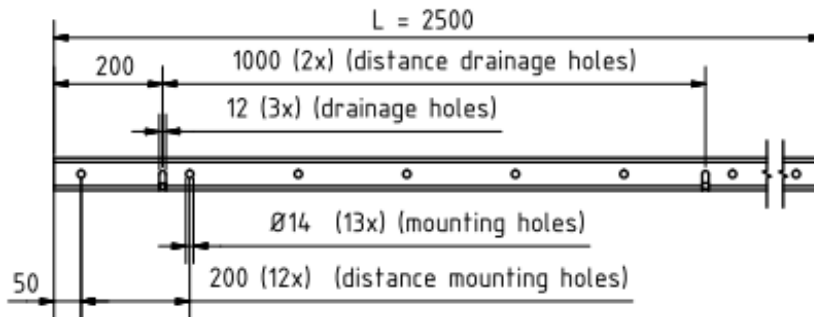
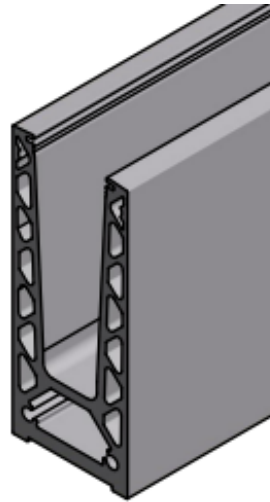
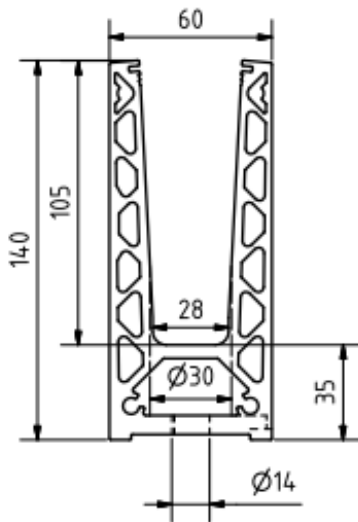
Concorde Glass Ltd.,
Linx House,
104 Waterloo Rd,
Mablethorpe,
LN12 1LE,
UK.

Connection Details
Concrete
Steel
Wood
TL 6020

0	27/05/2020	T.S.	Issued
Revision	Date	Issued By	Comment

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Shoe TL 6020:

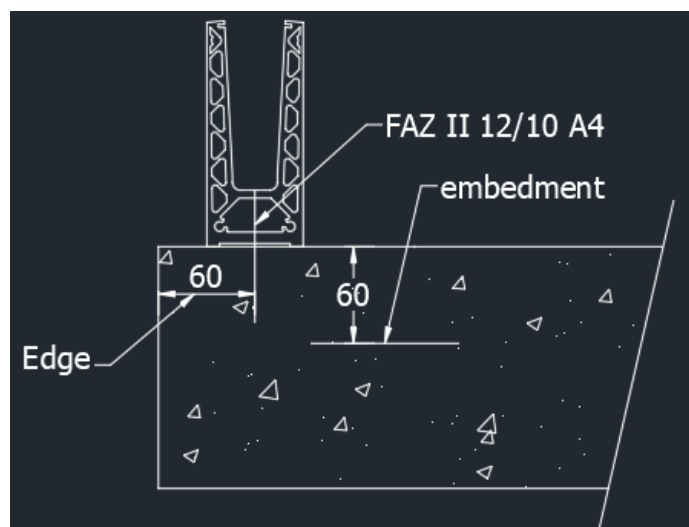


Material:
Aluminum 6063-T6

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Connection to Concrete (Min Grade C25)

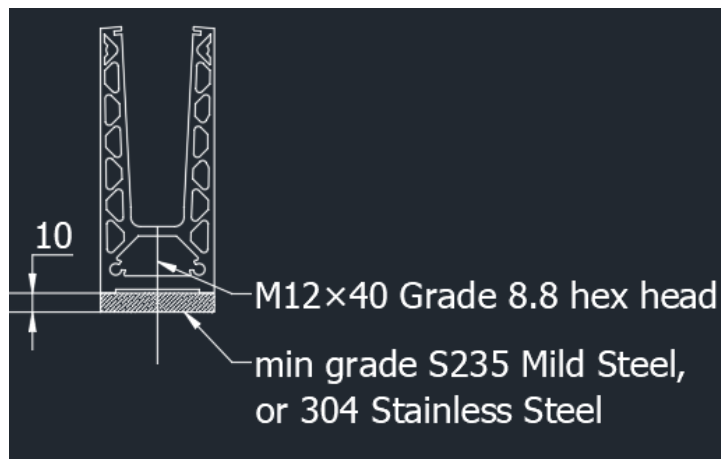
	kN/m			mm	mm	mm
Glass	kN Rating	Suitable wind load	Fixing to Concrete	Hole Spacing	Min Edge	Embedment
12mm	0.36	N/A	FAZ II 12/10 A4	400	60	60
12mm	0.74	Low	FAZ II 12/10 A4	200	60	60
12mm	0.74	Medium	FAZ II 12/10 A4	200	60	60
12mm	0.74	High	FAZ II 12/10 A4	200	60	60
13.52mm	0.36	N/A	FAZ II 12/10 A4	400	60	60
15mm	0.74	Low	FAZ II 12/10 A4	200	60	60
15mm	0.74	Medium	FAZ II 12/10 A4	200	60	60
15mm	0.74	High	FAZ II 12/10 A4	200	60	60
15mm	1.5	Low	FAZ II 12/10 A4	200	60	60
15mm	1.5	Medium	FAZ II 12/10 A4	200	60	60
15mm	1.5	High	FAZ II 12/10 A4	200	60	60
17.52mm	0.74	Low	FAZ II 12/10 A4	200	60	60
17.52mm	0.74	Medium	FAZ II 12/10 A4	200	60	60
21.52mm	0.74	Low	FAZ II 12/10 A4	200	60	60
21.52mm	0.74	Medium	FAZ II 12/10 A4	200	60	60
21.52mm	0.74	High	FAZ II 12/10 A4	200	60	60
21.52mm	1.5	Low	FAZ II 12/10 A4	200	60	60
21.52mm	1.5	Medium	FAZ II 12/10 A4	200	60	60
21.52mm	1.5	High	FAZ II 12/10 A4	200	60	60



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Connection to Steel (min grade S235 Mild / 304 Stainless)

Glass	kN/m			mm
Glass	kN Rating	Suitable wind load	Fixing To Steel	Hole Spacing
12mm	0.36	N/A	M12×40 Grade 8.8 hex head	600
12mm	0.74	Low	M12×40 Grade 8.8 hex head	600
12mm	0.74	Medium	M12×40 Grade 8.8 hex head	600
12mm	0.74	High	M12×40 Grade 8.8 hex head	600
13.52mm	0.36	N/A	M12×40 Grade 8.8 hex head	600
15mm	0.74	Low	M12×40 Grade 8.8 hex head	600
15mm	0.74	Medium	M12×40 Grade 8.8 hex head	600
15mm	0.74	High	M12×40 Grade 8.8 hex head	600
15mm	1.5	Low	M12×40 Grade 8.8 hex head	600
15mm	1.5	Medium	M12×40 Grade 8.8 hex head	600
15mm	1.5	High	M12×40 Grade 8.8 hex head	600
17.52mm	0.74	Low	M12×40 Grade 8.8 hex head	600
17.52mm	0.74	Medium	M12×40 Grade 8.8 hex head	600
21.52mm	0.74	Low	M12×40 Grade 8.8 hex head	600
21.52mm	0.74	Medium	M12×40 Grade 8.8 hex head	600
21.52mm	0.74	High	M12×40 Grade 8.8 hex head	600
21.52mm	1.5	Low	M12×40 Grade 8.8 hex head	600
21.52mm	1.5	Medium	M12×40 Grade 8.8 hex head	600
21.52mm	1.5	High	M12×40 Grade 8.8 hex head	600



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Connection to Wood (Min Grade C16)

	kN/m			mm	mm	mm
Glass	kN Rating	Suitable wind load	Fixing To Wood	d	length	Hole Spacing
12mm	0.36	N/A	Fisher FPF-WT YZP	8	80	400
12mm	0.74	Low	Fisher FPF-WT YZP	8	80	200
12mm	0.74	Medium	Fisher FPF-WT YZP	8	80	200
12mm	0.74	High	Fisher FPF-WT YZP	8	80	200
13.52mm	0.36	N/A	Fisher FPF-WT YZP	8	80	400
15mm	0.74	Low	Fisher FPF-WT YZP	8	80	200
15mm	0.74	Medium	Fisher FPF-WT YZP	8	80	200
15mm	0.74	High	Fisher FPF-WT YZP	8	80	200
15mm	1.5	Low	Fisher FPF-WT YZP	8	80	200
15mm	1.5	Medium	Fisher FPF-WT YZP	8	80	200
15mm	1.5	High	Fisher FPF-WT YZP	8	80	200
17.52mm	0.74	Low	Fisher FPF-WT YZP	8	80	200
17.52mm	0.74	Medium	Fisher FPF-WT YZP	8	80	200
21.52mm	0.74	Low	Fisher FPF-WT YZP	8	80	200
21.52mm	0.74	Medium	Fisher FPF-WT YZP	8	80	200
21.52mm	0.74	High	Fisher FPF-WT YZP	8	80	200
21.52mm	1.5	Low	Fisher FPF-WT YZP	8	80	200
21.52mm	1.5	Medium	Fisher FPF-WT YZP	8	80	200
21.52mm	1.5	High	Fisher FPF-WT YZP	8	80	200

