

2A - FRAME

Ref	Description	Quantity	Unit	Rate	Amount
	<u>STRUCTURAL / CARCASSING METAL / TIMBER</u>				
	<u>G10 STRUCTURAL STEEL FRAMING</u>				
	FRAMING, FABRICATION; GRADE S355JR				
	Columns				
A	Weight 40 - 100 kg/m	7.59	t		
B	Weight 40 - 100 kg/m; SHS	0.60	t		
	Beams				
C	Weight not exceeding 40 kg/m	1.25	t		
D	Weight 40 - 100 kg/m	16.92	t		
E	Weight 40 - 100 kg/m; with welded bottom plates	13.59	t		
	Bracings				
F	Weight not exceeding 40 kg/m; assumed flat plate 10kg/m	0.96	t		
	Fittings				
G	Allowance of 10%	4.09	t		
	Holding down bolts				
H	Assembly to suit column base plates; 4nr bolts; 100 x 100 SHS; including grouting with Weber 5 star non shrink cementitious grout SP	14	Nr		
J	Assembly to suit column base plates; 4nr bolts; 203 x 203 UC; including grouting with Weber 5 star non shrink cementitious grout SP	55	Nr		
	FRAMING, ERECTION				
K	Permanent erection on site	45.00	t		
	COLD ROLLED PURLINS AND CLADDING RAILS				
L	Allowance for various cold-rolled secondary steel elements to external walls (12.5% of primary steel weight)	4.23	t		
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Ref	Description	Quantity	Unit	Rate	Amount
A	<p><u>STRUCTURAL / CARCASSING METAL / TIMBER</u> <u>(Cont'd)</u></p> <p><u>G10 STRUCTURAL STEEL FRAMING (Cont'd)</u></p> <p>SURFACE TREATMENTS</p> <p>Protective painting; shotblast and 2 coats of high build zinc phosphate epoxy primer and alkyd finish 80 micron each coat</p> <p>At works; touched up on site as required</p>	973	m2		
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	Description		Amount
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