

cnan

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### MS TOPHATS FLOOR JOIST SPANS

## SINGLE SPAN AND DOUBLE SPAN

N X 3	pail Z Z	A Spair	Δ	Spair	
Spac	cing				
45	50		600		]

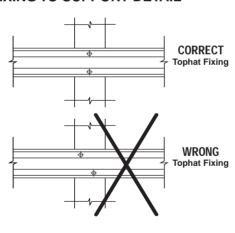
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Code	Spacing						
	400		450		600		
	Single	Double	Single	Double	Single	Double	
60 MS Tophat 0.75 BMT	1.05	1.25	1.00	1.20	0.95	1.10	
60 MS Tophat 0.95 BMT	1.15	1.35	1.10	1.30	1.05	1.20	
100 MS Tophat 0.75 BMT	1.80	2.20	1.75	2.05	1.65	1.90	
100 MS Tophat 0.95 BMT	2.00	2.40	1.90	2.25	1.80	2.05	
120 MS Tophat 0.75 BMT	2.20	2.60	2.10	2.45	1.90	2.20	
120 MS Tophat 0.95 BMT	2.40	2.90	2.30	2.70	2.10	2.40	
150 MS Tophat 0.95 BMT	2.90	3.60	2.80	3.30	2.50	2.90	
150 MS Tophat 1.15 BMT	3.20	3.90	3.00	3.60	2.70	3.20	
150 MS Tophat 1.55 BMT	3.60	4.30	3.40	4.10	3.00	3.60	

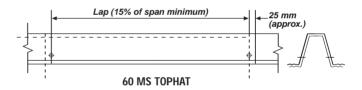
Spans are based on limiting floor vibrations and are capable of carrying live loads of at least 4kPa

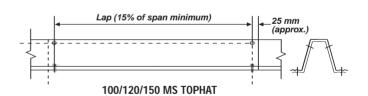
## FIXING DETAILS & ASSEMBLY EXAMPLES

#### **FIXING TO SUPPORT DETAIL**

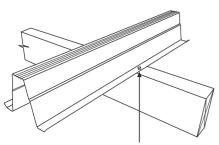


#### **TYPICAL FIXING - LAPPED SECTION**



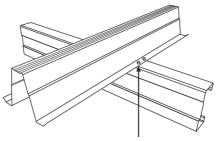


## TIMBER/STEEL TYPICAL SCREWED FIXINGS



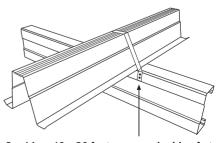
Screw each side
Refer tables for specific fixing requirements

# COLD FORMED TYPICAL SCREWED FIXINGS (Steel /Timber and Cold Formed)



Screws each side
Refer tables for specific fixing requirements

#### STRAPPED FIXING



2 x 14g – 10 x 20 fasteners each side of strap Fasten strap to web of support each side – Total 4 Fastenings