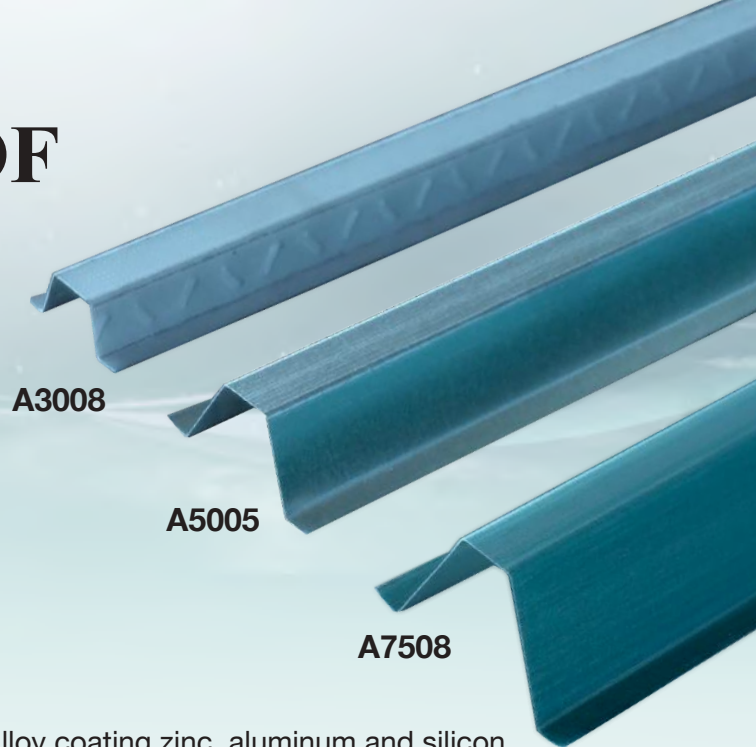




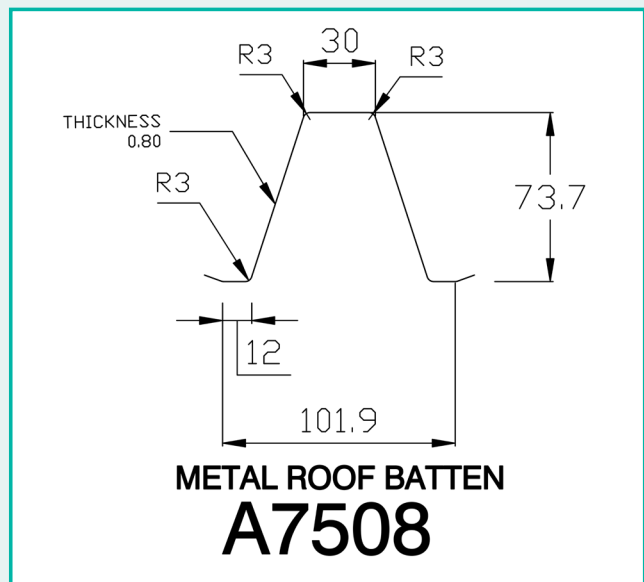
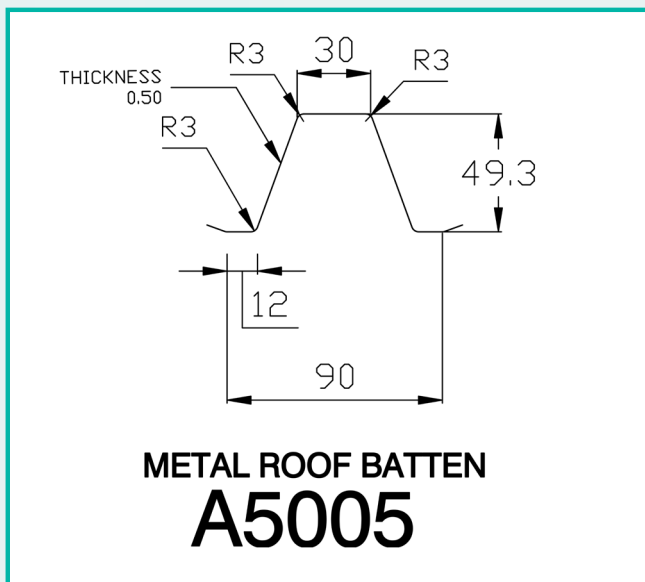
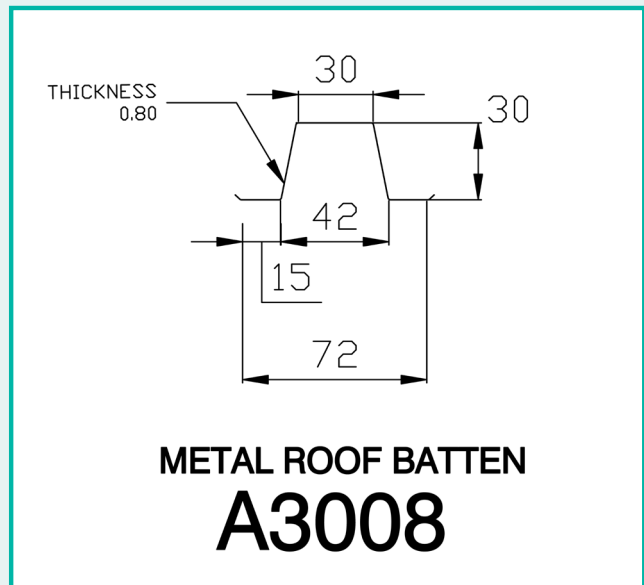
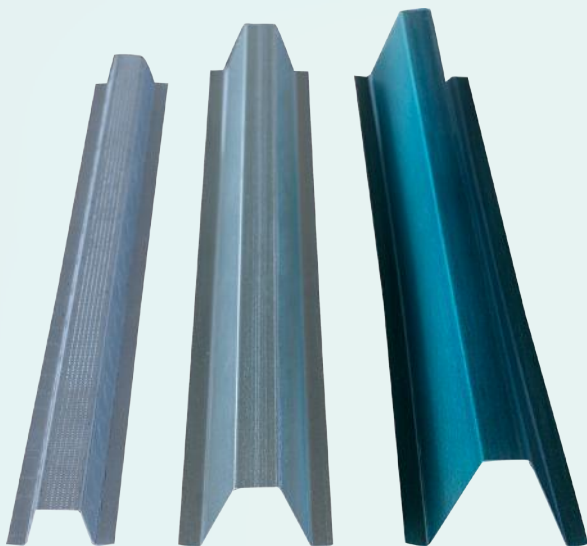
METAL ROOF BATTENS

Cold-rolled steel sections from pre-galvanized steel (Zn coated or Al/Zn coated 55%) coil to produce a cost-effective building material that allows fast fixing to frame members and labour cost reductions.

High demand by both engineers and developers as well owners due to being an economical alternative to timber battens. The consistent quality and dimensional accuracy as well as the resistance to termite attack have proven the product's worthiness.



- Substrate : Hot dip process metallic alloy coating zinc, aluminum and silicon
- Base Metal Standards : AS 1397-1993
- Feeding Width : Approximately 118mm, 165mm, 215mm
- Thickness : 0.50mm, 0.80mm, 1.00mm
- Nominal Lengths : Any transportable length





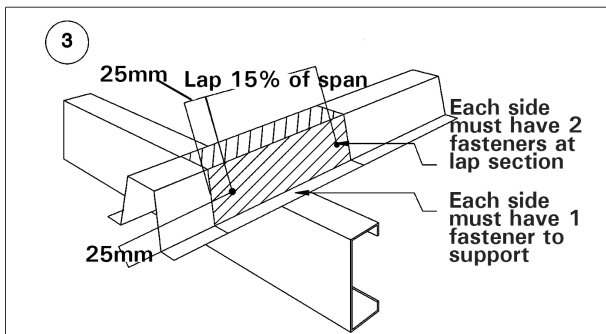
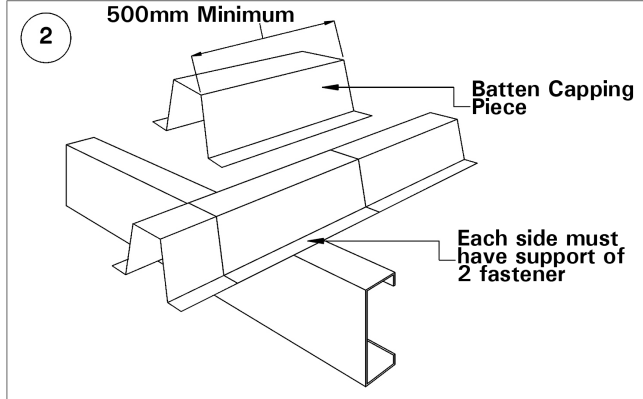
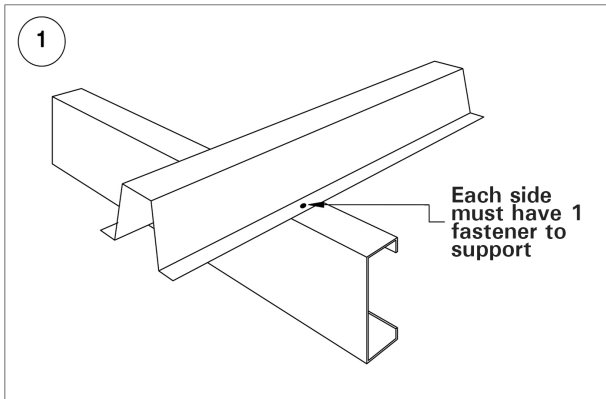
Section Properties	Batten A7508	Batten A5005	Batten A3008
Mass (kg/m)	1.410	0.53	1.89
Area, A (mm ²)	172	85.5	94.4
Depth, D (mm)	73.7	49.3	30
Width, B- (mm)	102	50	72
Thickness, t (mm)	0.8	0.5	0.80
Second Moment of Area, I _{xx} (mm ⁴)	81521	21188	13175
Second Moment of Area, I _{yy} (mm ⁴)	160341	27664	24379
Radius of Gyration, r _x (mm)	23.28	15.63	13.05
Radius of Gyration, r _y (mm)	32.65	17.86	17.75
Elastic Modulus, Z _{xx} (mm ³)Top	2673	921	732
Elastic Modulus, Z _y (mm ³)Bottom	2673	1115	878
Elastic Modulus, Z _{yy} (mm ³)Left	3340	864	762
Elastic Modulus, Z _{xx} (mm ³) Right	3340	892	786

LAYING AND LAPPING OF STEEL ROOF BATTENS

To minimize cutting, lay all battens in one direction, starting from one end. The overlap must be supported over a truss or rafter, as shown in the figure above. Minimum overlapping distance is 100mm.

HANDLING AND STORAGE

All metal roof battens should be kept dry and stored under cover and above the ground. To maximize the steel batten life cycle, steel sections which are exposed to water must be separated and air dried as soon as possible to remove any moisture retention.



1. Internal Support Connection (For Non-Cyclonic)
2. Lapping - Internal Support Connection (For Non-Cyclonic)
3. Internal Support Connection (For Cyclonic)

DISTRIBUTOR

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