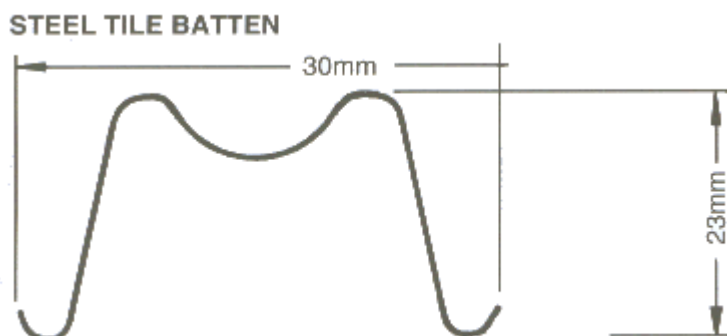


[Print This Out](#)[Go Back](#)

## Tile Batten

The light, strong and safe tile batten

### Profile



### Specification

#### REFERENCED AUSTRALIAN STANDARDS

AS 1170.2	SAA Loading Code - Wind Loads
AS 1536	SAA Loading Code - Wind Loads
AS 3623	SAA Wind Design Classification
AS 1538	Cold Form Steel Structures

### Scope

The Metroll Tile Batten has been designed in accordance with the principles of structural mechanics and if constructed reasonably in accordance with the assumptions listed below, shall be capable of sustaining the combination of loads to which it will be subjected to in accordance with the relevant provisions of the Australian Standards nominated in the Standard Building By-Laws.

### Materials

Wind Design Classification	W33N, W41N
Base Metal Thickness	0.48mm
Steel Base Description	AS 1397 - G550 (300 MPa minimum yield strength)
Metal Coating Description	AS 1397 - AZ150

Metroll steel Tile Battens are light, strong and safe. They have many material advantages over conventional battens, being easier to handle and fix, saving storage space, time and transport,

and providing consistent straightness, strength and quality.

Metroll steel Tile Battens can be used with timber or steel roof framing. Because steel battens can be lapped, they reduce the inconvenience of cutting on the roof associated with conventional, and provide an efficient alternative o timber battens.

Metroll steel Tile Battens are cold roll formed from high tensile strenght steel with Zinalume® (zinc/aluminium alloy coating) finish producing a product of high strength with light weight, consistent shape and strengthness.

---

### **SAVING IN WEIGHT**

Metroll steel Tile Battens only eight 0.41kg/m and are approximately half the weight of equivalent timber sections, making them more economical to transport, handle and fix.

---

### **SAVINGS IN STORAGE**

Because they are light and occupy relitavely little space, steel battens simplify transportation and handling. Enough battens for the average house can easily be carried in one load by utility truck.

---

### **SAVINGS IN FIXING**

Metroll steel Tile Battens can be readily lapped on the roof, considerably reducing the need to cut battens when fixing. Their lightness and ease of handling, consistent strength and shape, plus the fast and positive tile clipping method all assist considerably in providing savings.

---

### **EXTRA SAFETY**

The ductility of steel reduces the ossibility of batten breakage, making fixing safer and saving replacement time and cost. The battens have a recessed top pan, providing better grip for the tiler.

---

### **ANCILLARY COMPONENTS**

A special support batten has been developed for use at hips and valleys to provide fill batten support to batten ends.

Special Tile Clips have been developed to effectively hold the tiles in place. The frequency of clips is as directed by the tile manufacturer or the local authority. Refer to your local Metroll Sales Office for advice on the tile clips available and wich tiles they can be used.

---

### **MATERIAL**

Metroll steel Tile Battens are formed from high tensile steel with Zinalume® finish. Base steel G550 (550 MPa minimum yield stress) 0.42mm base steel thickness. AZ200 coating class (minimum average 200g/sq. m coating class.)

---