

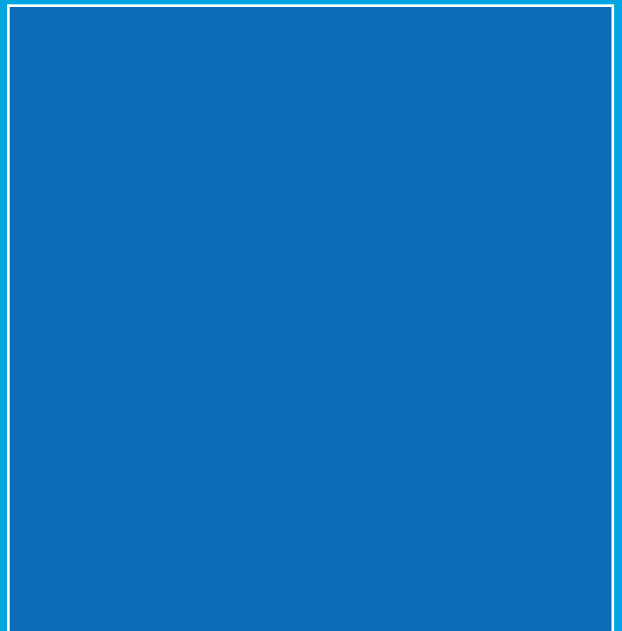


# Ceiling Batten



**CEILING BATTEN Steel Sections are light and strong and have several advantages over traditional battens.**

Rollformed from high tensile ZINCALUME® steel, CEILING BATTEN Steel Sections are straight and provide uniform performance and consistent shape. They can be easily end-lapped to reduce the amount of cutting required.



# Ceiling Batten

## PRINCIPLE

CEILING BATTEN Steel Sections are fixed to joists using either screws or nails through the flanges. The ceiling board is then fixed to the top Vee of the section.

## ADVANTAGES

CEILING BATTEN Steel Sections are increasingly popular with builders, because they prevent plasterboard cracking and nail-popping often associated with shrinkage of traditional battens.

## LABOUR AND COST SAVINGS

CEILING BATTEN Steel Section is locally rollformed from coated steel to produce a low cost building material that allows fast fixing to frame members, to minimise labour costs.

## DESIGN

### FLEXIBILITY

CEILING BATTEN Steel Sections give design freedom for new buildings and simplify alterations, additions and renovations. CEILING BATTEN Steel Section is also suitable for other applications including framing for van bodies, floor stiffeners, bracing, awning support frames, furring channel and shelving.

## HANDLING AND STORAGE

CEILING BATTEN Steel Sections should be kept dry and stored under cover and clear of the ground. To maximise life expectancy, components which become wet should be separated and air dried as soon as possible to remove any moisture.

## INSTALLATION

### FIXING TO HOUSE FRAME:

**Steel:** Use 2 – No 20x12 Pan Head Self Drilling Tek Screws.

**Timber:** 2x8x25 gypsum screws.

### COMPATIBILITY

CEILING BATTEN Steel Sections can be used with all ceiling lining materials and in conjunction with other framing materials such as timber.

### MAXIMUM SPANS AND SPACING

FOR SUPPORTED 13MM Thick Plasterboard:

Maximum Batten Span – 1200mm

Maximum Batten Spacing – 600mm

## MATERIAL SPECIFICATION

CEILING BATTEN Steel Section is produced from Hi-Tensile Grade G550/AZ150 ( 550 MPa Minimum Yield Stress coated with a minimum 150gm/sq.m. Zinc/Aluminium alloy) complying with AS.1397.

### THICKNESS

CEILING BATTEN is produced in a Base Material Thickness of 0.42mm (0.48mm TCT).

### MASS AND AREA

Mass Per Unit Length – 0.36kg/m.

Cross Sectional Area – 43.3sq.mm.

### LENGTHS

Each Ceiling Batten Steel Section Standard Pack contains 30 x of 6100mm lengths.

CEILING BATTEN Steel Section can also be cut in the factory to any length specified by the customer. Just ask The Roofing Centre staff.

## PRECAUTIONS

### CORROSIVE ENVIRONMENTS

The zinc/aluminium coating used to protect CEILING BATTEN Steel Section is not recommended for use in unlined structures in severe industrial or highly corrosive environments or within one kilometre of salt water locations. Please contact your STEELINE CENTRE for advice on this.

### FIXING OF PLASTERBOARD:

Use 1 – No 8x25 Gypsum Head S-Point Screw (at centres as specified by Plasterboard Manufacturer.)

