

# Ceiling Batten

## Design Guide



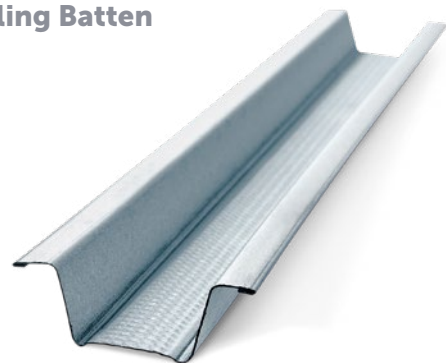
The Stratco Ceiling Batten is a quality product that benefits from a combination of high strength and rigidity with low weight and cost. It is compatible with all major domestic ceiling boards, which makes the Stratco Ceiling Batten an economical, easy to use and versatile system.

Due to their steel construction, Stratco Ceiling Battens will help control timber rafter movement, which will assist in preventing the plasterboard ceiling from cracking in the future. Stratco Ceiling Battens are manufactured from hi-tensile Zinc/Al steel that delivers superior strength and durability.

### Features

- The return edge is folded back on itself, providing a safe edge and a rigid profile.
- 0.42mm thick hi-tensile steel is very strong, light weight and is easy to cut with tin snips.
- The 20mm high profile (25mm in SA) provides strength and is designed to nest for easy handling and storage.
- A cavity on the bottom prolongs the batten's life by preventing condensation from forming.
- A textured surface makes installation easy when locating and screwing plasterboard fixings.
- Stratco Ceiling Battens are supplied in 6100mm lengths for easy handling and storage.

Ceiling Batten



# Ceiling Battens

## Design Guide



### Specifications

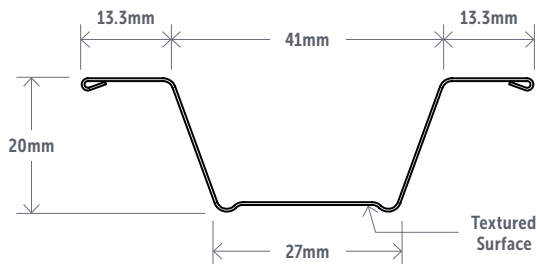
Stratco Ceiling Battens are expertly manufactured from hi-tensile Zinc/Al steel and comply with Australian Standard 1397/G550 AM150.

Base Metal Thickness	0.42mm
Yield Strength	550 MPa
Coating Mass	150g/m <sup>2</sup>
Batten Mass	0.35kg/m
Maximum Span*	1200mm
Maximum Spacing	600mm

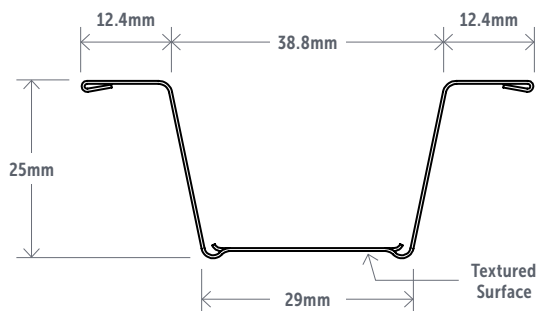
\*Maximum span continuous over at least two spans.

Note: The maximum span and spacings shown allow for a plasterboard thickness of up to 13mm. Refer to the appropriate manufacturers specifications for details on the ceiling installation.

### Profile - 20mm High



### 25mm High (SA Only)



### Installation Details

#### Fixing to Timber Joists

Fasten the ceiling batten at every support with a 10x25mm timber fixing screw (minimum fixing size) through each flange as shown in Figure 1.0.

#### Fixing to Steel Joists

Fasten the ceiling batten at every support using a 10x16mm hex-head self-drilling screw (minimum fixing size) through each flange as shown in Figure 2.0.

#### Attaching the Plasterboard

Fasten the plasterboard to the ceiling batten according to the plasterboard manufacturer's specifications, refer to Figure 3.0 for an example.

**Note:** Stratco Ceiling Battens are not to be walked on.

Refer to the Stratco 'Selection Use and Maintenance' brochure for additional information such as handling, storage, environmental considerations and material compatibility.

Figure 1.0

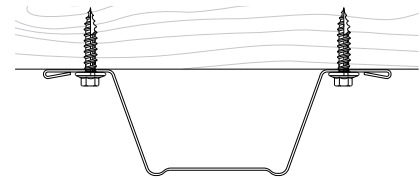


Figure 2.0

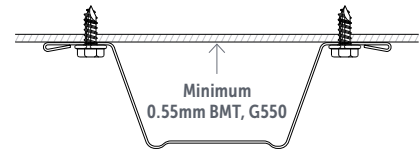
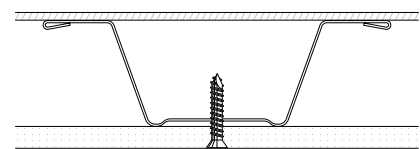


Figure 3.0



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