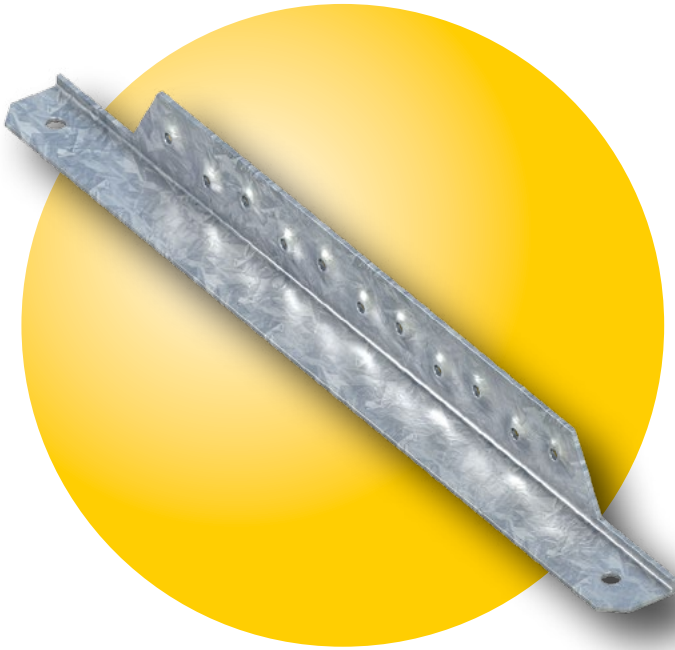


ENGINEERED BUILDING PRODUCTS

# BACKBRACE



creating the **advantage**



## FOR QUICK AND EASY FIXING OF STRONGBACKS TO POSISTRUTS ON SITE

### APPLICATION:

The BackBrace allows a degree of flexibility in the positioning of Strongbacks as they do not need to be placed at truss panel points. This enables small variations in span to be accommodated without changing jig settings or Strongback locations.

### USES

- The BackBrace has been developed to allow quick and easy fixing of Strongbacks to PosiStrut trusses without the need of timber vertical webs.

### ADVANTAGES

- Easy alignment of Strongbacks where adjacent trusses have small changes in span.
- Reduces jig changes during manufacture.
- Ability to vary Strongback position on site.
- Easier fixing of Strongback braces in cramped locations.

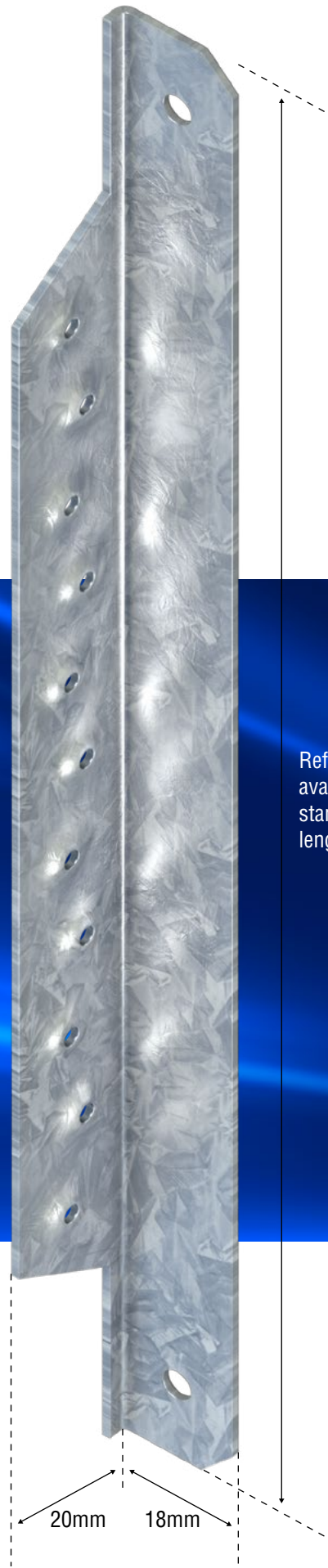
### SPECIFICATIONS:

<b>Steel Grade</b>	<b>G300</b>
<b>Thickness (Total Coated)</b>	<b>1.20 mm</b>
<b>Galvanized Coating</b>	<b>Z275</b>
<b>Screws</b>	<b>MSA1430 - 4 x MiTek No.14 x 30mm anti-split self-drilling HD galvanized screws.</b>
<b>Product Code</b>	<b>See Table</b>

**This Engineered Building Product complies with the  
National Construction Code Series and Australian Standards.**

# BACKBRACE - SIZES

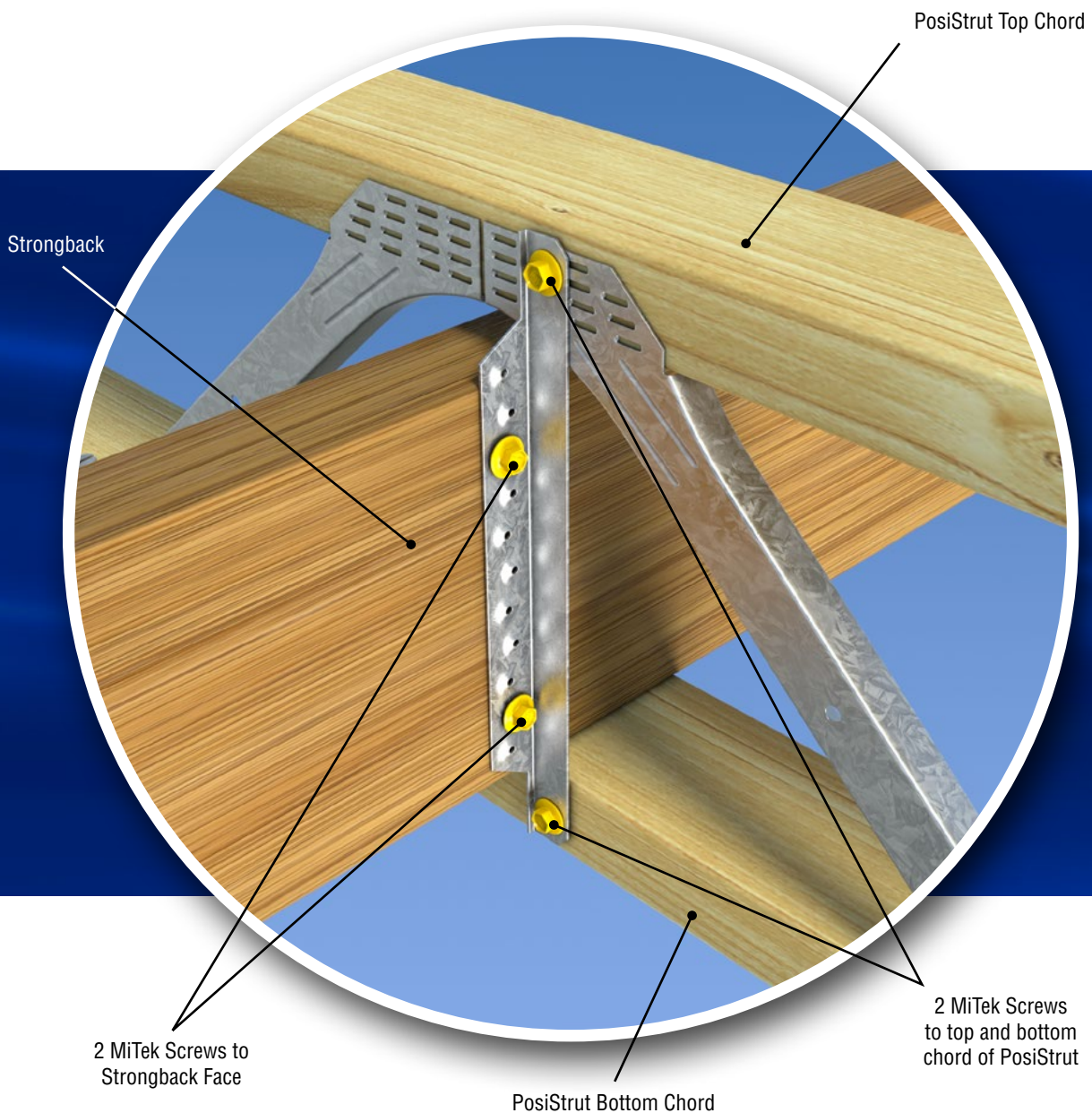
Product Code:	To suit PosiStrut size:	BackBrace length:
BB25	PSW3525 & PSW4525	240mm
BB30	PSW3530 & PSW4530	288mm
BB40	PSW4540	400mm



# BACKBRACE - INSTALLATION

1. Insert Strongback braces through trusses in accordance with the floor plan provided by PosiStrut truss designer. Ensure that Strongbacks are no greater than 2.4 metres spacing from supports or other Strongback braces. Select where possible an opening in the truss which allows the Strongback brace to rest hard against underside of truss top chord or top of bottom chord away from the PosiStrut web tooth cluster.
2. Place the BackBrace in position so that the leg with multiple holes is against the Strongback brace and the vertical position is such that the screw holes in the leg against the PosiStrut truss are close to the centres of the timber chords. Fix bottom of BackBrace to bottom chord with 1 MiTek MSA1430 screw while maintaining Strongback location.
3. Fix BackBrace to Strongback with 2 MiTek MSA1430 screws selecting a pre-punched hole which is approximately 30mm from the top and bottom edges of the Strongback.
4. Fix BackBrace to top chord with 1 MiTek MSA1430 screw through hole provided.

**NOTE:** Do not over tighten screws.



For more information about MiTek's Engineered Building Products or any other MiTek products or your nearest licensed MiTek fabricator, please call your local state office or visit: [mitek.com.au](http://mitek.com.au)



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