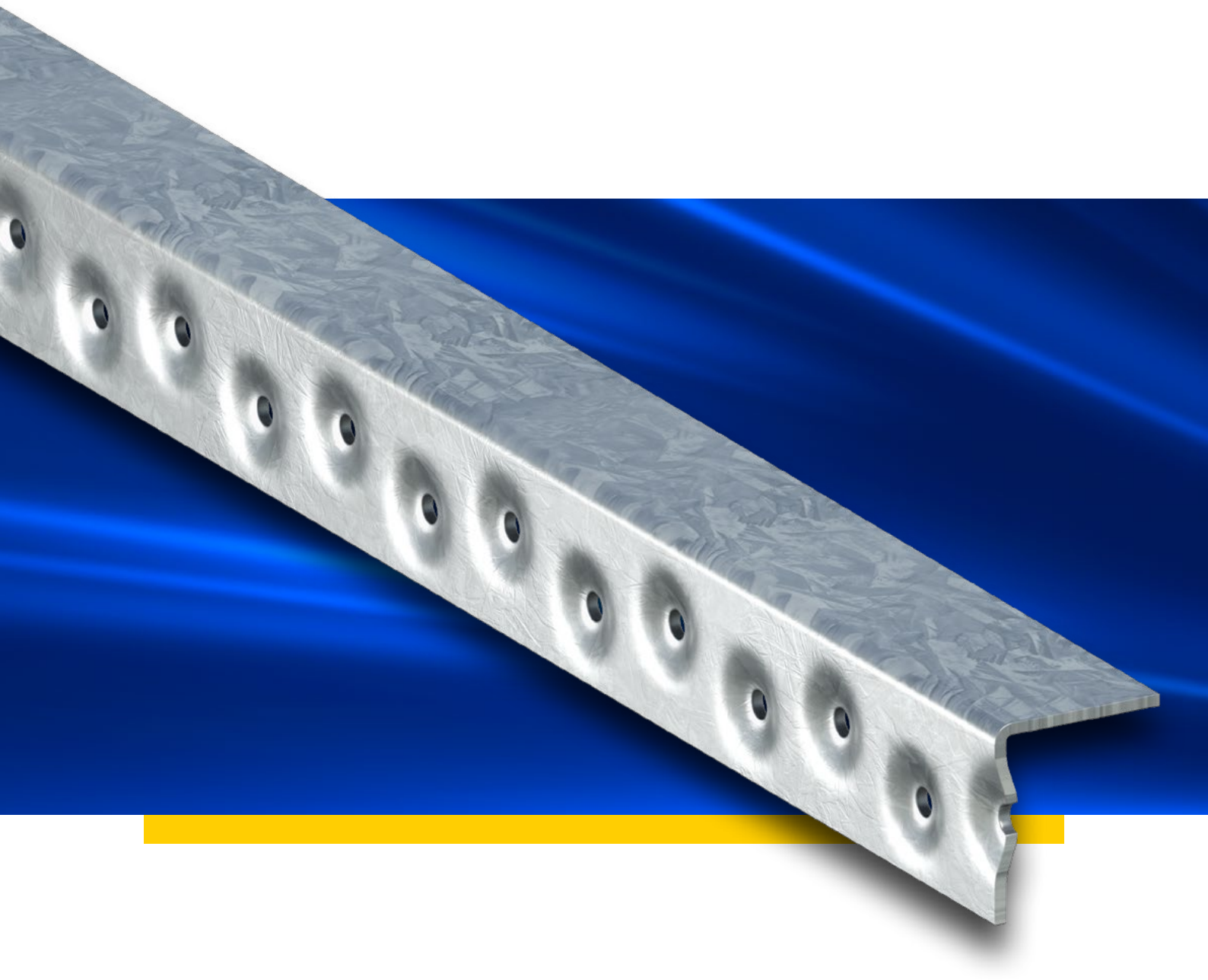
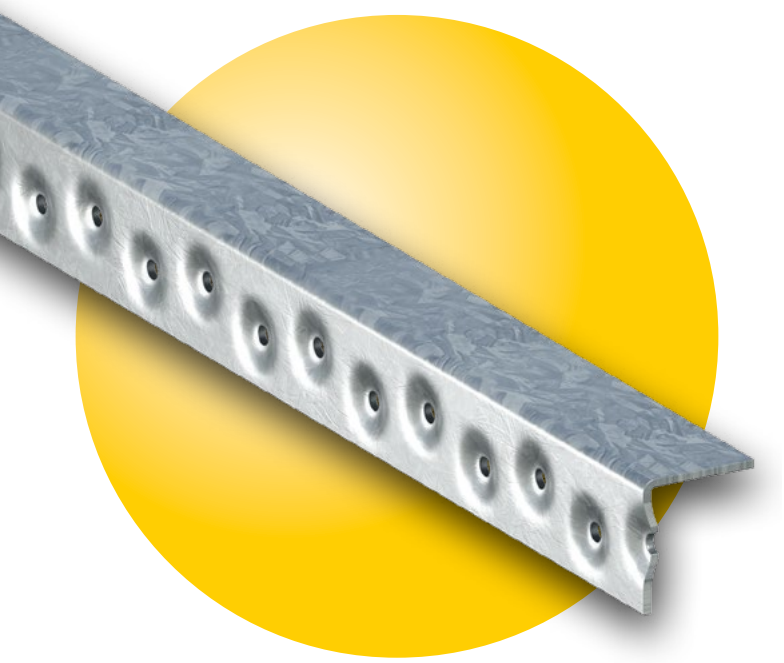
ENGINEERED BUILDING PRODUCTS

MiniBrace



MiTek®

creating the advantage



WALL BRACING

APPLICATION:

MiniBrace is designed to brace timber framed walls in domestic construction.

USES

- MiniBrace is a cold formed steel angle section, designed to brace timber framed walls in domestic construction.

ADVANTAGES

- MiniBrace is applied in pairs in opposing directions.

SPECIFICATIONS:

Steel Grade	G300
Thickness (Total Coated)	1.2 mm
Galvanized Coating	Z275
Nails	MiTek 30 x 2.8mm hot dipped galvanized reinforced head
Product Code	See Table

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

COMPLIANCE

MiniBrace applied in opposing directions and fixed as shown in Figure 1 is suitable for bracing timber wall frames manufactured in accordance with Australian Standards listed in Table 1.

The number of bracing units and location to be determined as described in the relevant Standard. Bracing units to be fixed to sub floor as required by AS 1684 or local Building Regulations.

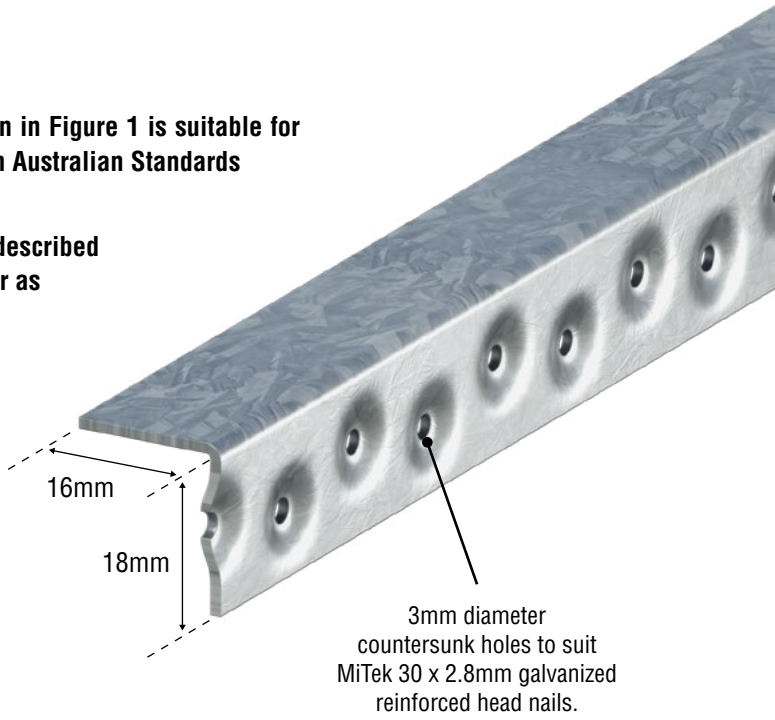


Table 1		
Australian Standard	**Reference**	**Bracing Capacity/ Bracing Type**
AS 1684.2 Residential timber-framed construction, Part 2 Non-cyclonic areas OR AS 1684.3 Residential timber-framed construction, Part 3 Cyclonic areas	Table 8.18(a)	0.8 kN/m
AS 1684.4 Residential timber-framed construction, Part 4 Simplified - Non-cyclonic areas	Table 8.3(a)	A

Note: The bracing capacity in Table 1 is appropriate to wall heights up to and including 2700mm. For wall heights greater then 2700mm, the value in the table is proportioned downward relative to the wall heights. eg. For a wall height of 3000mm multiply the value in the table by 2700/3000 = 0.9.

Size:	18 x 16 x 1.2mm thick.
Product Code:	**Length:**
MIB3.6	3.6 metres
MIB3.9	3.9 metres
MIB4.2	4.2 metres
MIB4.8	4.8 metres

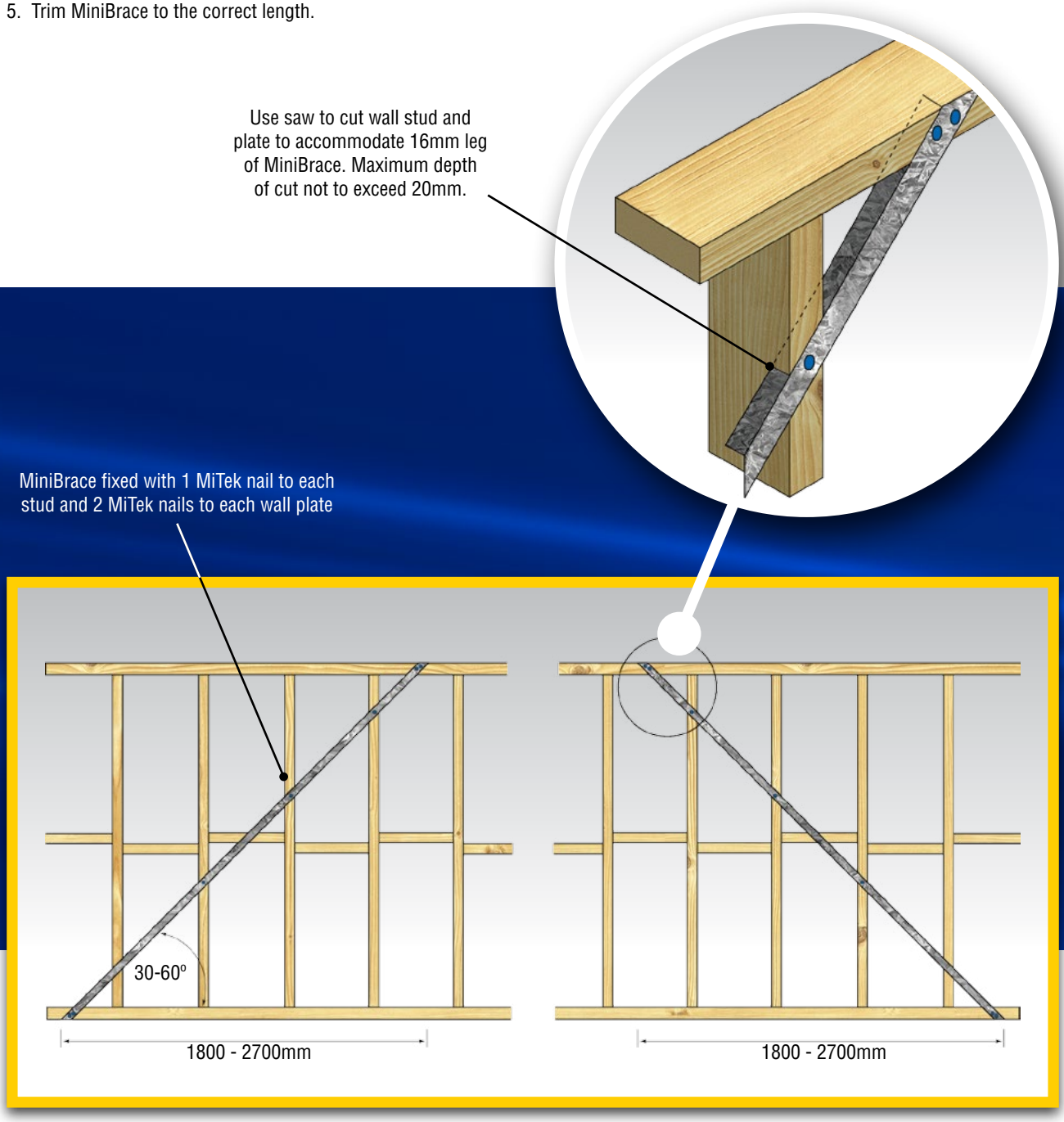
MiniBrace - Installation

1. Locate position of brace as specified by frame drawings or code requirement.
2. Using brace as straight edge, mark position of the saw cut. Ensure that the angle between MiniBrace and the top plate is approximately 45°, but no less than 30°, or greater than 60°.
3. Set the saw depth to 16mm, and cut marked studs and plates. Be sure not to cut any deeper than 20mm.
4. Place unpunched leg of MiniBrace into the saw cut with punched leg facing towards the bottom plate.
5. Trim MiniBrace to the correct length.
6. Fix to each stud with one MiTek 30 x 2.8mm galvanized reinforced head nail.
7. Fix to top and bottom plate with two MiTek 30 x 2.8mm galvanized reinforced head nails.

Figure 1.

Typical Bracing Panel Pair of MiTek MiniBraces in opposing directions.

Figure 1



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**

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