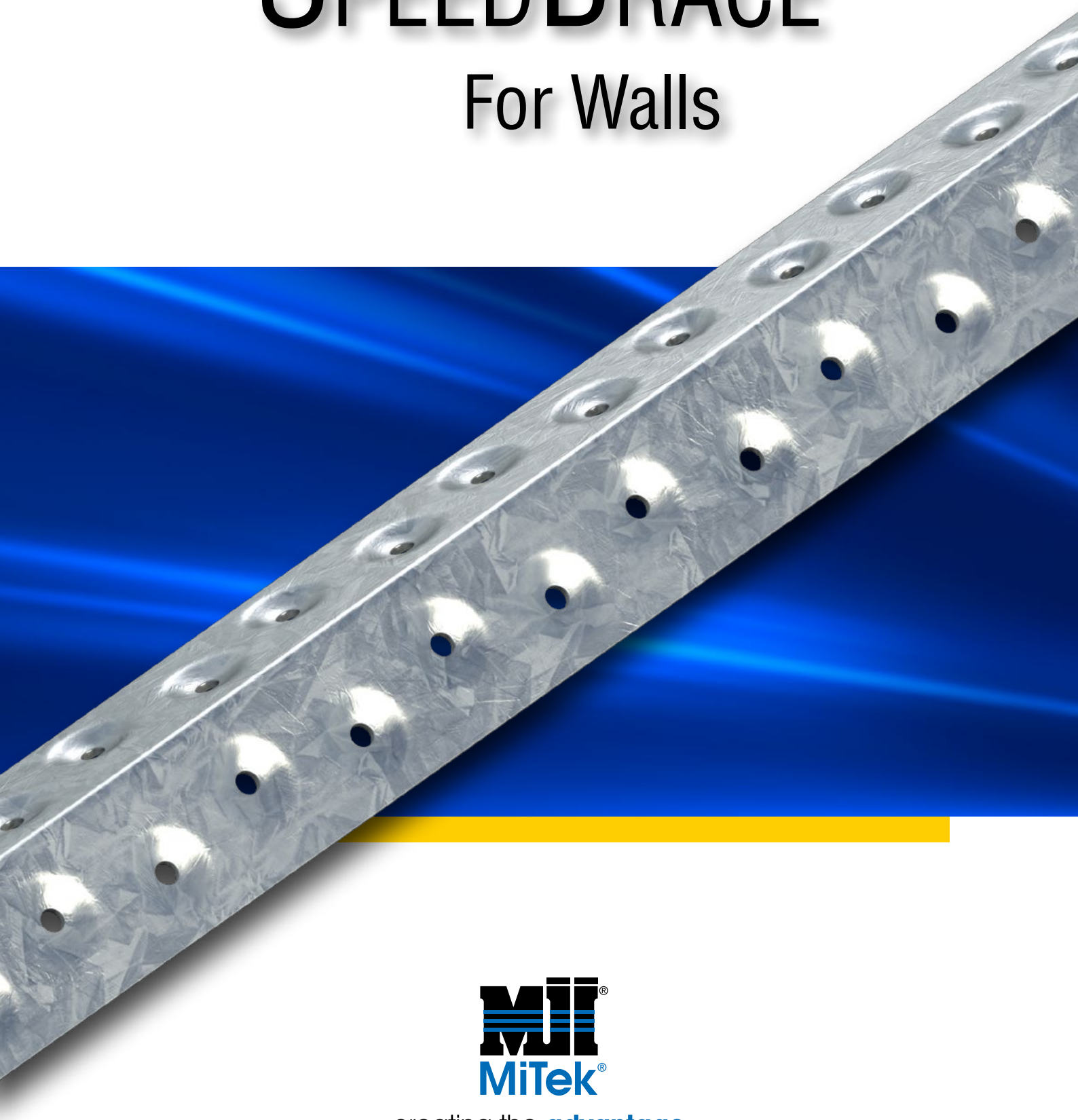
ENGINEERED BUILDING PRODUCTS

SPEEDBRACE

For Walls



MiTek®

creating the advantage

FOR WALL BRACING

APPLICATION:

SpeedBrace is a tension bracing system that uses a pre-punched shallow 'Vee' shaped member that is easily handled and installed.

USES

- SpeedBrace is a system for bracing roof trusses and wall frames in both low wind speed and cyclonic areas.

ADVANTAGES

- SpeedBrace is a tension bracing system with a pre-punched shallow 'Vee' shaped member that is easily handled and installed.
- Quick and simple to fix.
- Pre-tensioned - no turnbuckle or similar devices required.

SPECIFICATIONS:

Steel Grade	**G300**
Thickness (Total Coated)	**1.0mm**
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

SpeedBrace applied in opposing directions and fixed as shown over, complies with AS 1684 Residential timber-framed construction. Refer Table 1 for details.

The number, location and tie down of bracing units to be determined as described in the relevant Standard.

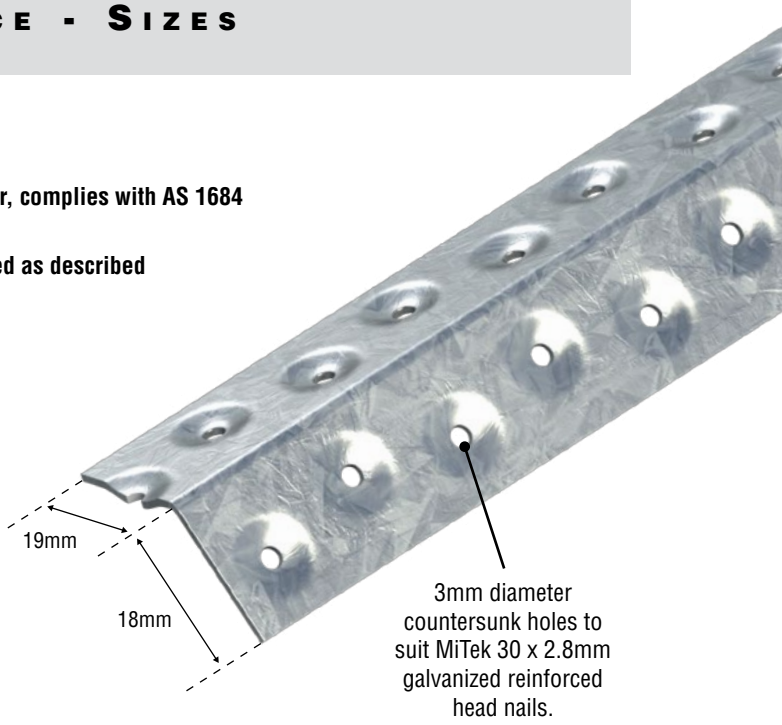


Table 1		
Australian Standard	**Reference**	**Bracing Capacity/ Bracing Type**
AS 1684.2 Residential timber-framed construction, Part 2 Non-cyclonic areas OR AS 1684.3 Residential timber-framed construction, Part 3 Cyclonic areas	**Table 8.18(b)**	**1.5 kN/m**
	Table 8.18(d)	**3.0 kN/m**
AS 1684.4 Residential timber-framed construction, Part 4 Simplified Non-cyclonic areas	**Table 8.3(b)**	**A**
	Table 8.3(d)	**B**

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:	**19 x 18 x 1.0mm thick.**
Product Code:	**Length:**
SB3.6	**3.6 metres**
SB4.0	**4.0 metres**
SB5.0	**5.0 metres**
SB6.0	**6.0 metres**

SpeedBrace - Installation

1. Determine the location and number of bracing units from AS 1684.
2. Make sure wall frame to be braced is square.
3. Place SpeedBrace on frame at an angle of approximately 45° (30° min, 60° max.) and fix to each wall plate close to stud.
4. Fix SpeedBrace to each intersecting stud, flattening SpeedBrace as MiTek nails are driven home.
5. Braced panels are to be fixed to sub-floor as required by Framing Manual or local Building Regulations.

FIXING 1: Bracing Type A

Bracing Capacity = 1.5kN/m

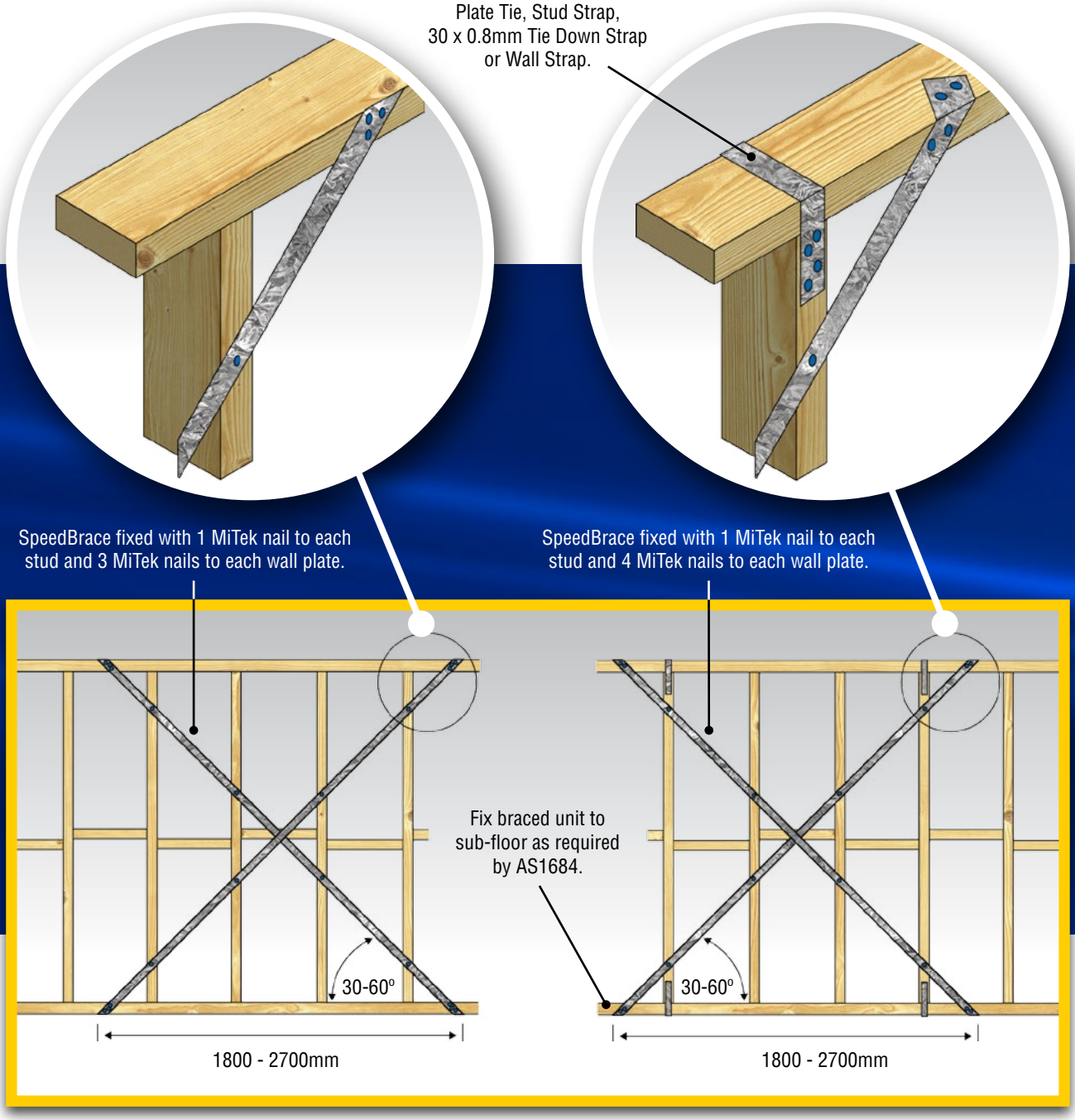
Typical Bracing Panel Pair of SpeedBrace in opposing directions.

FIXING 2: Bracing Type B

Bracing Capacity = 3.0kN/m

Typical Bracing Panel Pair of SpeedBrace in opposing directions.

Plate Tie, Stud Strap, 30 x 0.8mm Tie Down Strap or Wall Strap.



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**

SBW 07/15

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