SMART
bracing

smart dispenser makes bracing easy

revolutionary user-friendly dispenser system

EASY. cleverly packaged for easy unrolling, cutting and fixing

NEAT. handy pack self-stores unused strapping for next time

VERSATILE. timber or steel framing applications

QUICK. saves time as studs do not need to be notched

ENGINEERED. for walls, roofs, floors and ceilings

COMPLIANT. complies with the requirements of AS1684

strap bracing
30mm x 0.8 x 30m
EASY - NEAT - CONVENIENT - SAFE

made in Australia
to Australian
building code standards

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Application

Structural strap bracing is used for cross-bracing wall panels, roof trusses and flooring members in accordance with AS1684.

STEP 1. Fix the first end of strap into position using 30 x 2.8mm galvanized reinforced head nails as shown below.

STEP 2. Pull strap tightly across entire panel to be braced. Panel should be as square as possible.

STEP 3. Secure second end with strap taut.

STEP 4. Follow the same procedure for the second brace in a diagonally opposite direction.

STEP 5. Tension both braces equally using a FORMM smart tensioner.

STEP 6. Fix strap to each stud or rafter in each braced panel using one 30 x 2.8mm galvanized reinforced head nail.

Note: Tension should be applied equally to each brace to avoid distorting braced panel. Tensioners are designed to remove slack only and should not be over tightened. Excessive pretension will reduce the effectiveness of the bracing system.

Fixing for Bracing Type A
Bracing Capacity =1.5kNm
Typical Bracing Panel
2 of 25 or 30mm x 0.8mm SMART Strap Bracing in opposite directions

Fixing for Bracing Type B
Bracing Capacity =3.0kNm
Typical Bracing Panel
2 of 30mm x 1.0mm SMART Strap Bracing in opposite directions

25 x 0.8mm or 25 x 1.0mm or 30 x 0.8mm Smart Bracing Strap fixed with 1 nail to each stud and 3 nails to each wall plate

Plate Tie, Stud Strap or 30 x0.8 Structrial Tie down Strap secured with 4 x 30 x 2.8mm galvanized nails to each side.

After fitting Strap braces apply tension using a Formm Smart Tensioner prior to fixing to each stud.

30 x 1.0mm Structural Bracing Strap fixed with 1 nail to each stud and 4 nails to each wall plate

30 - 60 deg

1800 mm - 2700mm