

**CORROSION RESISTANT TIES FOR BRICK WALL CONSTRUCTION**

**Substrates**

- Solid Brick
- Solid Concrete

**Applicable Standards**

- AS2699 – 1984



**An innovative, corrosion resistant nylon solution for replacing corroded brick ties. Fast and easy to install.**

**Overview**

Corrosion resistant remedial brick tie system for repairing cavity walls constructed from solid pressed bricks and other solid masonry, where existing brick ties have corroded, are too widely spaced or where footings have moved.

Use Ramset Remedial Wall Ties with Chemset™ 101 and Ultrafix™ Plus anchoring adhesives to produce a strong, non-destructive fixing between brick walls.

**Applications**

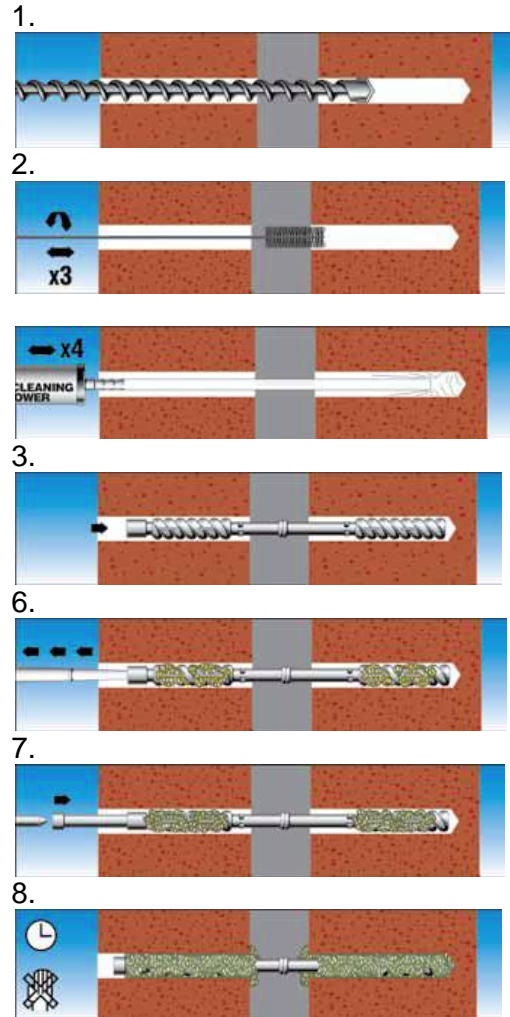
- Solid brick to brick. Cavity wall construction
- Brick to concrete wall, pillar or floor slab
- Concrete to brick and other masonry structures
- Where outer brick facade has cracked or moved

**Product Advantages**

- |  |   |
|--|---|
| ○ Heavy duty, glass fibre reinforced, corrosion resistant Nylon construction | – Long life span                        |
| ○ No expansion stress  | – Will not cause cracks in bricks       |
| ○ Fast cure time (with Chemset™ 101 and Ultrafix™ Plus)                      | – Improved productivity                 |
| ○ Either side installation   | – Avoid access issues                   |
| ○ Drip condenser   | – Prevents water transfer across cavity |

**Installation – Solid Materials**

1. Drill 12 mm diameter hole all the way through the first brick and 70 mm into the second brick. Do not install in mortar joints.
2. **ESSENTIAL:** Brush and blow dust out of the holes to ensure adhesion (Use Ramset part numbers HCBT13 and HCP)
3. Insert outer sleeve of Remedial Wall Tie all the way through the first brick and to the end of the hole in the second brick
4. Refer to Chemset™ 101 or Ultrafix™ Plus Technical Data Sheet for adhesive instructions
5. Refer to Material Safety Data Sheets (MSDS's) for health and safety instructions
6. Insert end of mixing nozzle into outer sleeve and dispense adhesive until sleeve is full (about 2 trigger pulls)
7. Insert plunger
8. Allow adhesive to cure for the time specified on the adhesive label


**Characteristic Loads in Red Clay Brick at 1.5 mm Deflection**

| Load Direction | Characteristic Load (kN) |
|----------------|--------------------------|
| Tension        | 0.87 kN                  |
| Compression    | 2.05 kN                  |

**Estimation Chart**

| Adhesive       | Pack Size | Quantity of Wall Ties per Pack |
|----------------|-----------|--------------------------------|
| Ultrafix™ Plus | 300 ml    | 38                             |
| Chemset™ 101   | 380 ml    | 48                             |
| Chemset™ 101   | 750 ml    | 98                             |

**Typical Properties**

| Property                          | Typical Value      |
|-----------------------------------|--------------------|
| Material                          | Glass Filled Nylon |
| Overall Length                    | 220.0 mm           |
| Nominal Diameter                  | 12 mm              |
| Service Temperature               | -5°C to 40°C       |
| Yield Strength, Tension ASTM D638 | 170 MPa            |

**Product Range**

| Description       | Part Number | Box Quantity |
|-------------------|-------------|--------------|
| Remedial Wall Tie | RA225       | 100          |

For more detailed information refer to the Material Safety Data Sheet available from Ramset or the website.

To purchase or obtain further information contact *Ramset* or your nearest *Ramset* distributor

PHONE: 1300 780 063

WEB: [www.ramset.com.au](http://www.ramset.com.au)

ITW Construction Products Australia Pty Ltd ABN48 004 297 009 Trading as Ramset™  
296 – 298 Maroondah Highway, Mooroolbark VIC 3138  
™ Trademarks of Cetram Pty Ltd Used under licence by *Ramset*. © 2010

ITW Construction Products Australia Pty Limited does not give any representation, guarantee or warranty, express or implied that the information is or will be complete or accurate or that it has been or will be independently verified. To the extent permitted by statute, Ramset™ Fasteners (Aust) Pty Limited, its servants and its agents will not be liable (whether in negligence or other tort, by contract or under statute) in respect of any loss or damage (including consequential loss or damage) arising by any reason of or in connection with the provision of the information or by purported reliance on it.