

SPARTAN

CYLINDER RESTRAINT KIT

Instructions

This kit is designed for vertical cylinders located internally. Installer to ensure the structure being fixed to is suitable and has the capacity to withstand the seismic loads. All straps to be securely fastened as indicated below. Fasteners to be 12-11 x 65mm Type 17 Tek Screw (supplied).

Installation to adhere to Local and Government regulations. Spartan Galvanised Restraint Kit is designed for internal use only. Spartan Stainless Steel Restraint Kit is designed for internal & external installations.

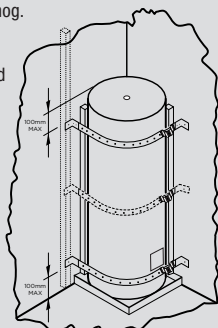
Caution: Please take care when uncoiling the strapping, as strapping is coiled under small tension in packaging

Step 1

Locate Vertical Stud or horizontal nog.

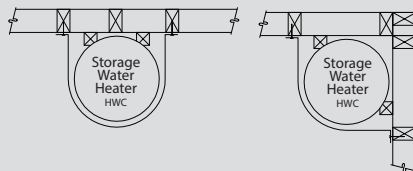
Step 2

Screw fixing brackets with supplied Tek screws through wall lining into timber fixing.



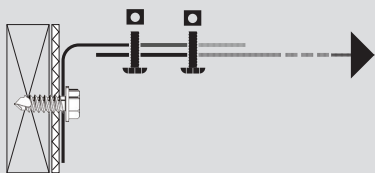
Step 4

Make sure strapping is horizontal and level. Ensure strapping sits flat on cylinder body (not twisted or kinked).



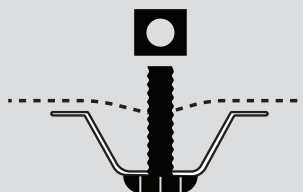
Step 3

Measure and cut strapping to required length and fix both ends to fixing bracket using supplied 15mm screws and nuts.



Step 5

Fit tension device using supplied 35mm tension screw and nut. Apply until strapping is firm.



The SPARTAN cylinder restraint kit has been designed to withstand seismic loads in New Zealand and complies with:
NZS 1170.5:2004 - Structural Design Actions - section 6 - Requirements for parts and components
NZS 4603:1985 - Installation of low-pressure thermal storage electric water heaters with copper cylinders (open vented)
NZS 4607:1989 - Installation of thermal storage electric water heaters: valve-vented systems
NZS 4614:1986 - Installation of domestic solar hot water heating systems Acceptable solution G12 \ AS Water Supplies - Clause 6 11.4

