

ChemSet™ Anchor

Hollow Brick & Block Sleeves

ChemSet™ Anchor Fixings



Key Features

- Secure fixing to hollow substrates, extruded clay brick, hollow concrete block

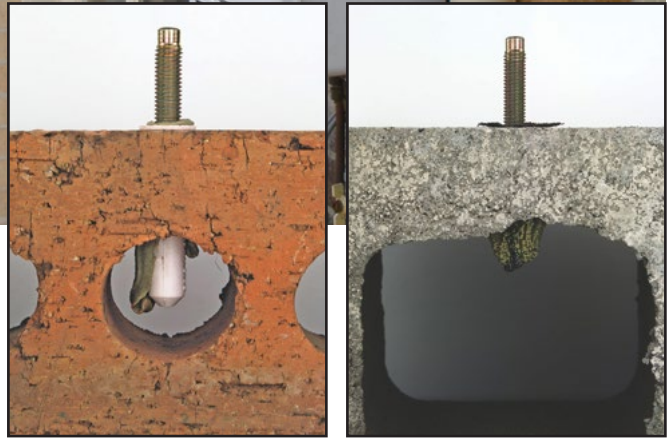
Materials



Hollow Brick and Block Anchoring Accessories

Use with ChemSet™ 101 PLUS and Ultrafix™ PLUS to anchor threaded studs into hollow brick and block

- Forms a solid plug of adhesive in the brick or block cavity to provide secure anchoring point
- Durable nylon sleeves ideal for 3 hole brick and hollow concrete block
- Fine Metal Mesh Sleeves ideal for 10 hole brick



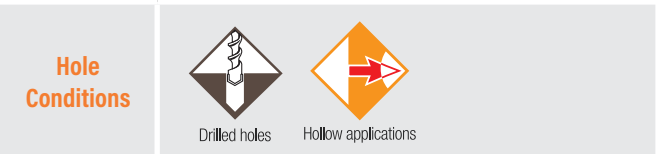
Advantages

- Resistant to vibrating loads
- Corrosion resistant nylon
- No expansion stress on bricks
- Non-destructive installation
- Easy, simple and quick to install

Typical Applications

Anchoring threaded bar into wire cut extruded clay brick, hollow concrete block

Anchoring Environments



Typical Properties

For Thread Size	Nylon Sleeve		Wire Mesh Sleeve	
	Overall Length (mm)	Nominal Diameter (mm)	Overall Length (mm)	Nominal Diameter (mm)
M6	-	-	1000	12.5
M8	64	12	1000	12.5
M10	64	14	1000	15.0
M12	64	16	1000	15.0
M16	-	-	1000	20.5

Substrates Wire Cut Extruded Clay Brick, Hollow Concrete Block

Hollow Brick and Block Anchoring Accessories

Description	Hole	To Suit	Part Number	Pack Quantity
Nylon Sleeve 12 mm Diameter	12mm	M8 Thread	ISS08	100
Nylon Sleeve 14 mm Diameter	14mm	M10 Thread	ISS10	100
Nylon Sleeve 16 mm Diameter	16mm	M12 Thread	ISS12	100
Fine Metal Mesh Sleeve 16 x 1000 mm	16mm	M10 / M12 Thread	ISM12	1
Fine Metal Mesh Sleeve 22 x 1000 mm	22mm	M16 Thread	ISM16	1

AU ONLY

Installation Instructions

Chemical Anchors - Hollow Substrates

Hollow Block, Hollow Brick and Hollow Core Panels

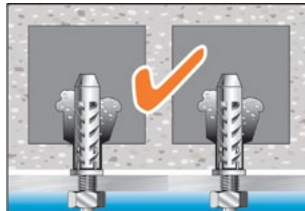
The following installation instructions are for ChemSet™ 101 PLUS and Ultrafix™ Plus anchoring adhesives into hollow pre-manufactured masonry units.

Fixing positions Hollow Block

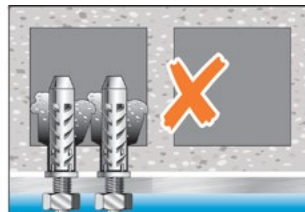
1. One fixing per block cavity only.
2. Minimum edge distance - ½ block



Do not fix in orange areas



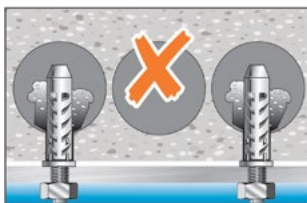
Correct installation



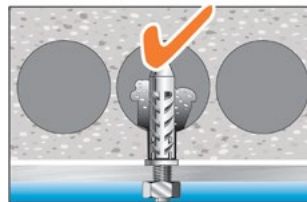
Incorrect installation - not recommended

Fixing positions Hollow Brick

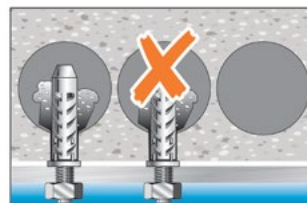
1. Only one fixing recommended per brick.
2. Minimum edge distance - 1 brick



Performance will be significantly reduced



Correct installation



Incorrect installation - not recommended



Do not fix in orange areas

Installation Instructions:

Read the "Precautions" section of these instructions prior to use, see page 34. Setting and technical data provided applies to:

- Holes drilled with Rotary Hammers using carbide drill bits and where holes have been cleaned using a brush and air pump.
- Always wear safety goggles.

1. Drill hole using correctly sized drill bit through wall of hollow block or brick, see pack or product information.
2. Clean hole with correctly sized hole cleaning brush with stiff nylon or wire bristles. Using a combination Push/Pull and twisting (rotation) motion, ensure the sides of the hole are scrubbed at least 3 times for the full depth of the hole.
3. Hollow block studs, threaded studs or threaded rod to be used should be cleaned and free from oil, grease, flaking rust or debris.
4. Insert correct sleeve or sieve into hole, see page 30.
5. Remove nut from the cartridge and attach the correct Ramset mixing nozzle. (Ultrafix™ Plus pull out and cut plastic bag)
6. Mount assembled cartridge into the Ramset Universal Applicator (Mount Ultrafix™ Plus in regular caulking gun).
7. Open the orange valve (Not necessary for Ultrafix™ Plus). Turn so arrow points forward. Dispense adhesive to waste until an even, uniform grey is achieved. Approximately 2-3 trigger pulls should be adequate. The initial flow is unsuitable for fastening and must not be used.
8. Inject adhesive until the sleeve/sieve is filled, slowly withdraw nozzle and complete filling.
9. Once the required fill is obtained release the pressure by pressing rear trigger.
10. Push the stud into the hole using a slow twisting motion. Wipe away excess material.
11. Do not touch anchor until mixture has hardened and do not load anchor until curing is complete.
12. Attach fixture and tighten nut in accordance with recommended tightening torque.

