

Hammer-In Drywall Anchors



TECHNICAL INFORMATION WALLCLAW ANCHORS

USE WALLCLAW ANCHORS IN DRYWALL ONLY:

WallClaw Anchors are drywall anchors – a material also known as (drywall, gypsum board, gyp. board, wall board, sheet rock, and green board)

WallClaw Anchors work in:

- 1/2-inch drywall (including Type X fire rated wall board)
- 5/8-inch wallboard (including Type X fire rated wall board)
- Not tested in or recommended for 3/8-inch wall board, stucco, plaster, masonry or concrete
- Not recommended for ceiling applications
- Not intended for use in studs or structural framing

ONE ANCHOR:

WallClaw Anchor works in both 1/2-inch and 5/8-inch wallboard

WallClaw Anchors can hang from 5 lbs. to 125 lbs. – ONE anchor

No need for multiple rated anchors or styles – ONE WallClaw Anchor does it all.

ANCHOR SIZE / DIMENSIONS:



Anchor Length:	2.000 inches
Head Diameter:	0.625 inches
Thickness of Blade:	0.250 inches (at shaft)
Anchor Weight:	1.3 grams / 0.05 ounces / 0.0031 pounds

ANCHOR MATERIAL:

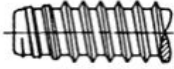
WallClaw Anchors are made from a proprietary blend of nylon based engineered plastics and a proprietary process.

SCREWS:

Screws provided are:

#8 - 18 x 1.25 Type B (Blunt Tip) - ANSI B18.6.4

Made from: 1008 Low Carbon Steel, Cold Formed, Self Tapping Screw designed for use in plastics



Phillips Slot (slot spec may vary based on market area)

Pan Head

Hardened Zinc CR+3

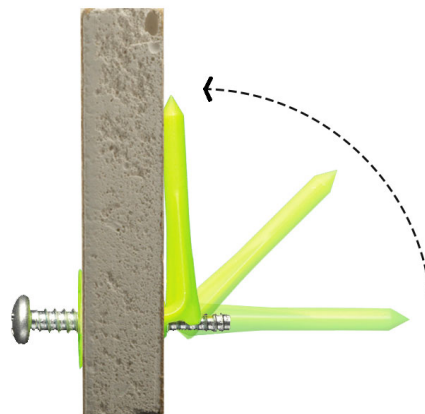
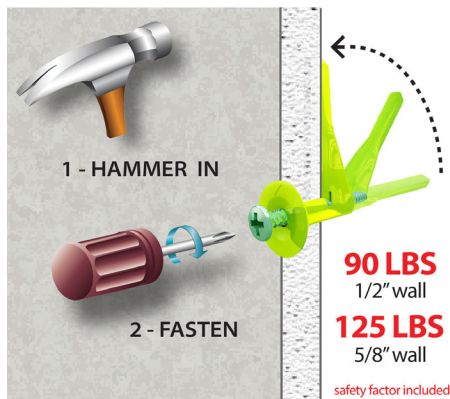


Can other screws be used?

Any **Type B (blunt tip)** screw can be used, including longer screws than the 1.25" long screws provided. The recommended loads are based on the 1.25" length screws in the lab testing and results may vary with longer screws. The cam systems inside the anchor are optimized for performance using a Type B (blunt tip) screw and the anchors were tested for load capacity using a Type B (blunt tip). If used, other screws / tips may work, but they were not lab tested and results may vary.

INSTALLATION INSTRUCTIONS:

Refer to www.wallclaw.com for a short demo video on how WallClaw Anchors work.



HAMMER-IN - FASTEN - DONE



Find the arrow on the head of anchor. The arrow on head should be pointed UP when being installed in the wall.

Hold the anchor like a nail and gently TAP the anchor repeatedly until the head of the anchor is seated flush with the face of the wall.

Do not attempt to "seat" or pound head of anchor into drywall. The paper on the drywall should remain intact.

INSTALLATION SEQUENCE:

Be sure:

- Arrow on head of anchor is pointed up.
- Use the Type B (Blunt Tip) screws provided.
- Gently and repeatedly tap anchor into wall like a nail.
- Do NOT set or countersink head of anchor into drywall – this may damage the drywall.



1 - **HAMMER** ANCHOR IN LIKE NAIL



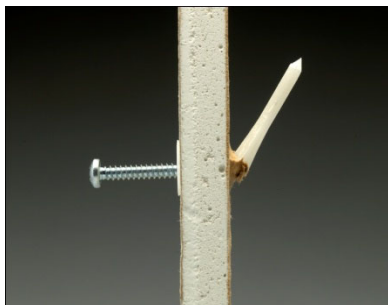
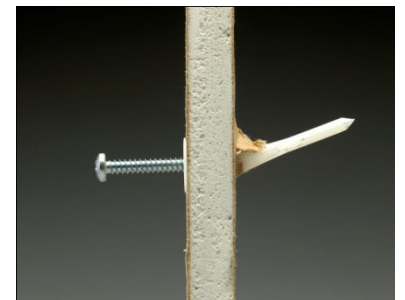
2 – **GENTLY, REPEATEDLY TAP** ANCHOR INTO WALL



3 - **TAP** UNTIL HEAD IS FLUSH



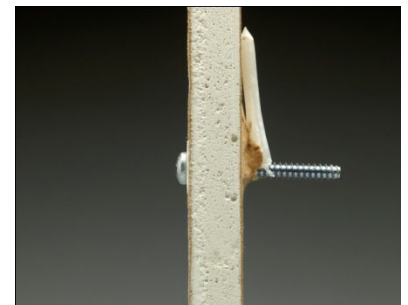
4 – **APPLY FIXTURE, INSERT SCREW** (PROVIDED)



5 - **SCREW LOCKS LEG** BEHIND WALL



6 – **LEG IS LOCKED** BEHIND WALL



7 – **TIGHTEN SCREW FIRMLY** TO
FIXTURE BEING MOUNTED
OR LEAVE SCREW EXTENDED
OFF WALL ABOUT 3/8-INCH
FOR PICTURE WIRE



INSTRUCTIONS

FASTENING A FIXTURE / ITEM TO THE WALL:

Maximum recommended thickness of fixture being hung on wall should not exceed 1/8-inch based on length of screw provided. If thicker fixtures are to be attached use the specified screw in a longer length that reflects the thicker fixture dimension. Do not exceed 1/2-inch fixtures.

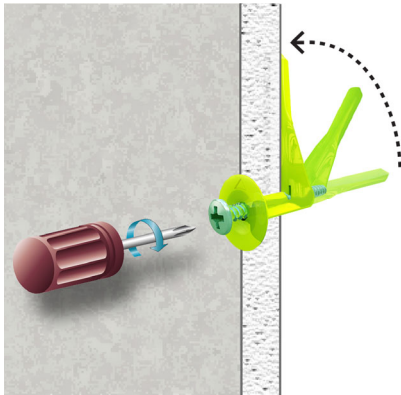
Hanging a picture – insert screw provided into anchor until screw head is approximately 1/8-inch from the head of the anchor. Installing the screw activates the locking leg of the anchor and secures the anchor to the wall. Since the screw head is extended off the wall by approximately 1/8-inch place wire from picture over screw shaft behind screw head. Check for secure hold.

Hanging a fixture - insert screw through fixture and align fixture to be mounted to wall with anchor – insert screw tip into anchor and using a screw driver turn screw to the right to install fixture to wall and activate WallClaw Anchor to lock to wall.

As screw is inserted into WallClaw Anchor – the nail tip behind the wall bends 90-120 degrees behind the wall and secures the anchor to wall.

Screw should be installed sufficiently to activate locking leg of anchor – full length of screw less approximately 1/8-inch or until screw head is seated firmly against fixture.

TIGHTENING THE SCREW:



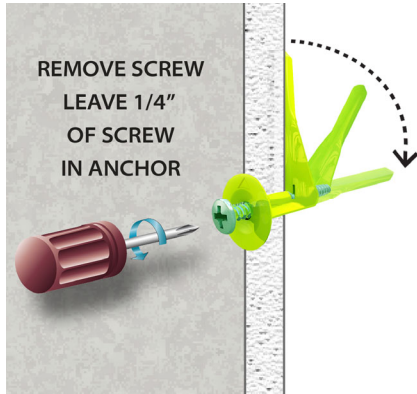
Do NOT over tighten screw as threads secured to inside of anchor may strip.

CAUTION: Use of power drills with torque setting set too high may strip screw as well. If this occurs – remove anchor, push new anchor into wall with your thumb or tap into place with hammer in place of original anchor and re-install per instructions.

If the screw is stripped accidentally – start to remove the screws leaving approximately 1/4-inch of the screw in the anchor – then using the screw as a handle and wiggle the anchor out of the wall.

Once the anchor is removed from the wall – a new WallClaw Anchor can be inserted into the same hole. Simply insert a new anchor (arrow on head of anchor pointing UP) – into the wall using your thumb – when the head of the anchor is flush with the wall – re-insert the screw to re-activate the anchor and lock it to the wall.

EASY TO REMOVE:



1 - Remove screw from anchor with screwdriver. As screw is removed from anchor – the locking leg behind the wall relaxes and straightens out.

2 - When the screw is almost out of the anchor (about 1/4-inch of the screw is still in the anchor) use the screw as a handle and wiggle the anchor free from the wall.

If the screw has been removed completely – re-install the screw about 1/4-inch into the anchor and use the screw as a handle and wiggle the anchor free from the wall.

If the screw has been removed from the anchor use your fingers or the claw side of a hammer to get under the head of the anchor and pull it from the wall. If using a claw hammer – gently wiggle the anchor free from the wall to minimize damage to the wall – once the removal of the anchor has started removing the anchor with your fingers should be easier.

Once the anchor is removed from the wall – a NEW WallClaw Anchor may be used in the same hole if the drywall integrity is sound. Simply insert a new anchor (arrow on head of anchor pointing UP) – into the wall using your thumb – when anchor is flush – refer to installation instructions for balance of installation.

WALL REPAIR:

If repair to the anchor hole is necessary – the WallClaw Anchor leaves a small slit in the wall versus the large hole left by many other anchors.

A simple pass of wall Spackle or drywall compound should repair the slit left from the anchor very easily.



TESTING PROCEDURES:

WallClaw Anchors have been tested at an independent 3rd party construction materials testing laboratory.

Load testing on the WallClaw Anchors was conducted for shear (hanging) and tension (pull out) loads in both 1/2-inch and 5/8-inch wall board. This was done on full wall sections, framed at 16-inches o.c. and assembled with drywall screws using code defined spacing.

Anchors were installed at the mid-span of the wallboard between studs for testing. Drywall is not a structural material and therefore does not have defined test standards. However, WallClaw used a third party construction materials lab for load testing so defined standards for testing could be utilized.

Since no standards have been defined by ASTM for testing of drywall anchors, WallClaw Anchors were tested using ASTM E488, Standard Test Methods for Strength of Anchors in Concrete and Masonry Elements, as a guideline. Lab technicians followed these and their other industry lab standards and procedures for testing the WallClaw Anchors load performance.



LOADS & TESTING:

- The performance of these products is subject to variable conditions.
- Maximum load ratings are shown for comparison only.
- Ultimate Load also called Failure loads are the point at which an anchor (or the wall) fails. The Ultimate or Failure Loads for WallClaw Anchors are higher than our Recommended Loads because a limited safety factor has been applied.
- During testing the anchor has never failed to date - the failures have been due to failure of the drywall (which has torn or broken) or due to the screw (heads have been sheared off), but the anchors did not break. Typically the drywall is the source of the failure.

RECOMMENDED LOADS:

Recommended loads are provided only as a guide.

Maximum load may vary, based on quality and thickness of drywall and dimensions of object being hung.

Maximum thickness of fixture being hung on wall should not exceed 1/8-inch - based on the length of the screws provided (1.25-inch long screw) – this will ensure proper activation of anchor. If fixture is thicker than 1/8-inch a longer Type B screw is recommended.

Not intended for use in studs or for ceiling applications.

WallClaw loads are “RECOMMENDED LOADS” and include a safety factor.



SHEAR (Hanging Load) - These are recommended loads that include a safety factor.

- hangs up to 90 lbs. in 1/2 wall board
- hangs up to 125 lbs. in 5/8" wall board



TENSION (Pull Out Load) - These are recommended loads that include a safety factor.

- pull out up to 60 lbs. in 1/2-inch wall board
- pull out up to 85 lbs. in 5/8-inch wall board

CAUTION: **Other manufacturers often list “ULTIMATE” or “FAILURE LOADS” on their packaging as their “load capacity” to show “higher” load capacities, but Ultimate or Failure loads are when the anchor fails – they have no safety factor listed.**

These manufacturer’s will often state in small print on their packages or web site that 25% of their “Failure Load” is their “Recommended Load”.



LIMITED WARRANTY:

These products are sold 'AS IS' without any expressed or implied warranties. WallClaw Anchor's sole liability, if any, shall be to replace this product or refund the purchase price. The performance of these products is subject to variable conditions. Maximum load ratings are shown for comparison only.



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