WALLCLAW®

PERFORMANCE:

WallClaw Anchors are the lowest cost anchors per pound of load capacity.

Performance claims are based on 3rd party independent lab results and manufacturer's internal test data.

Follow instructions and requirements as directed for each application.

Maximum loads are an average of up to 10 tests taken that have results within a close percentage of each other. MAXIMUM LOAD for WallClaw Anchors are the consistent average of these lab and internal test data. Actual load performance may be lower or higher than the Maximum Load presented on the packages, which is provided as guide.

Actual load performance of anchor is dependent on a range of criteria from drywall age and condition, drywall thickness, proximity of anchors to studs or pressed edges of drywall, proper installation, dimensional compliance with fixture or bracket being mounted per instructions, flush mounting item on face of wall as cantilevered items reduce load capacity substantially, repeated tapping of anchor into wall per instructions, properly securing fixture or item to face of wall. Do not mount any items on wall if anchor is loose. Results may vary based on variable conditions and applications.

Space distance between drywall anchors apart as a single anchor is better than two anchors that are too close together as they will compromise the wall board when placed too close together and may cause a failure of the wall board between the anchors under load. Anchors placed too close together do not improve load capacity as drywall is the primary cause of failure in load testing.

5/8-inch drywall holds more load than 1/2-inch drywall as it is the drywall that typically fails under load. Check the load claims as some manufacturers list their load for 5/8-inch walls while most list the loads for 1/2-inch wall board which is more common in residential construction.

LAB TESTED

WallClaw Anchors are tested to Industry Lab Standards by a 3rd Party Independent Construction Materials Testing Laboratory.

Drywall or wallboard is not a structural material – there are no specific national or international test standards for load testing hollow wall (gypsum board) wall anchors.

The 3rd party independent construction materials testing laboratory that WallClaw Anchors retained – recommended following ASTM E488 / E488M – Standard Test Methods for Strength of Anchors in Concrete Elements as a guide for testing the wall board anchors as it is the closest standard that can be applied.

The testing of WallClaw Anchors was done to ASTM E488 standards as well as other testing and lab standards applied by the 3rd party independent construction materials test laboratory.

SCREWS

Use the Type B (blunt tip) screws provided in the anchor package. Do NOT use any other screw.

Do NOT use standard Type A (pointed screw tip) as these screws may result in damage to the anchor's internal cam (lever arm) and ultimately result in the anchor not clamping to the wall properly, which may result in anchor separation from the wall.

If longer screws are required, a longer Type B (blunt tip) screw can be used, but the user must recognize that the lab tested load value's may not be valid with longer screws as the anchors were lab tested as packaged with the #8 x 1-1/4 in. Type B (blunt tip) screws which are provided in retail packages.

WHAT LOAD IS THAT?

Maximum Load, Ultimate Load and Failure Load are the same thing. Recommended Load can be the same as Failure Load, but Recommended Load is often a maximum load with a safety factor applied. Manufacturers do not all use the same safety factor if they use a safety factor for a Recommended Load. Some manufacturers do not define the load type on their packages. Check manufacturers' definitions of load by wallboard thickness and load type to compare anchors apples to apples.