

ACCUHANG® SET OF PROFESSIONAL TOOLS AND HARDWARE FOR TWO- POINT WALL ATTACHMENT AND FOR THE SECURITY MOUNTING

PROFESSIONAL TOOLS -

AccuHang® hanging guides with audible feedback

To find the positions of the wall fasteners AccuHang® hanging guides are temporarily mounted on the AccuHang® brackets. (Pic.1 and Pic.2) Hanging guides are held on the steel brackets by a magnet located inside the hanging guide base.

Hanging guides incorporate a WallGlider™ that allows a frame to be moved smoothly on the wall surface. Hanging guides for marking positions of the pan head screws to hang the frame on have a black WallGlider™. Hanging guides for marking positions of the “T” head screws (for security mounting) have a green WallGlider™.

The installer can visually evaluate the position of the frame by maneuvering it on the wall without accidentally scratching the wall.

After establishing the frame position, the installer pushes one side of the frame towards the wall in the vicinity of the hanging guide. The hanging guide punch protrudes through the WallGlider™ and leaves a dimple mark on the wall surface. Audible feedback- a click produced by the hanging guide - indicates that the punch has penetrated the wall and the mark is done.

The installer keeps the pressure on that side of the frame, so the punch stays in the wall. The punch is then used as an anchor for leveling the frame by turning it around and observing the miniature bubble level. After leveling the frame, the installer pushes the other side of the frame towards the wall and makes a second mark.

The dimple mark is clearly visible on various wall coverings, including paints, wallpapers, and vinyl commercial wall coverings. The dimple mark is then used as a starter for the installation of the wall fasteners, either pan head screws or “T” head screws.

ACCUHANG® LEVEL WITH ADHESIVE PEDESTAL

The miniature bubble level has a transparent acrylic body, and one of its facets is covered with a double-sided adhesive tape to prevent it from falling off the frame. During the installation, the level can be placed on one of the frame planes at a convenient height, such as the frame upper rail or a lip of the frame bottom rail. (Pic.6 and Pic.7) To maintain the stickiness, the tape should be periodically replaced with 3M #109 or #415 tapes, or an equivalent adhesive tape (Scotch® Poster Tape, Removable) from your local office supply store.

HARDWARE –

AccuHang® multipurpose bracket

AccuHang® bracket can be used as a hanger or a locking component.

When the bracket serves as a hanger, it can accept #6, #8 and #10 pan head screws. For most cases, we recommend # 8 screws.

When the bracket serves as a locking component, it accepts the “T” head screw.

AccuHang® technology allows the attachment of brackets in various locations and orientations on the frame as needed for the particular application. (Pic.3, Pic.4 and Pic.5)

Brackets to be serving as hangers can be attached to the wall décor item at any locations as warranted by that item particular design. Make sure that these brackets are parallel to each other.

IMPORTANT: When the bracket serves as a hanger, always select the size of the wall screws based on the weight of the wall decor item and the construction and condition of the wall. Use screws with wall anchors if needed. In any case, the load on one bracket should be no more than 30 lbs. If the weight of the frame is more than 60 lbs, three or more brackets should be used to hang the frame. (You may order additional hanging guides with a black WallGlider™ for that purposes.)

INSTALLATION INSTRUCTIONS

Two-POINT WALL ATTACHMENT INSTALLATION

1. Attach two AccuHang® brackets in vertical alignment to the upper ends of the vertical rails bridging the mitre, or somewhat lower than the mitre line and about 1/4” from the frame edges. Make sure that brackets are parallel to each other.
2. Mount two AccuHang® hanging guides with a black WallGlider™ on each bracket.
3. Place a bubble level on one of the frame planes in a position convenient for viewing.
4. Maneuver the frame freely along the wall to establish its desired position.
5. When the frame position is established, push one side the frame towards the wall in the vicinity of the AccuHang® hanging guide. The click produced by the device indicates that the punch has penetrated the wall and the indentation is complete. **Keep the pressure on that side of the frame with your hand. Do not let the punch retreat from the wall.**
6. Level the frame by pivoting it around the punch, which serves as an anchor, and observing the bubble level. When frame is level, push the other side of the frame in the vicinity of the AccuHang® hanging guide toward the wall to make the second indentation.
7. Take the frame off the wall and remove AccuHang® hanging guides from the brackets.
8. Select pan head screws appropriate to the weight of the frame and the wall construction and install them in the positions on the wall marked by hanging guides. Use wall anchors if needed. The back plane of the screw head should extend about 3/32” from the wall.
9. Hang the frame by slipping AccuHang® brackets into the heads of the screws on the wall.

SECURITY INSTALLATION

1. To attach two AccuHang® brackets in vertical alignment follow steps # 1 and #2 as described above for two-point wall attachment. Attach one bracket to accept “T” head screw in horizontal alignment at the center of the frame bottom rail. If the bottom rail is more than 3’ long, attach two brackets to that rail. You may reinforce the frame by bridging the bottom and vertical rails with brackets attached to the frame over mitre lines in 45° orientation. (See Pic. 4)

2. Mount two AccuHang® hanging guides with a black WallGlider™ on upper brackets. Mount AccuHang® hanging guide (s) with a green WallGlider™ on a bottom bracket(s).
3. Follow steps # 3, #4, #5 and #6 as described above for the two-point wall attachment. **In order to correctly mark the position of the “T” head screw upon making a second mark keep the pressure on both sides of the frame with your hands. Do not let punches retreat from the wall.**
4. Mark the position (s) of the “T” head screw(s) by pushing the frame bottom rail towards the wall with your torso.
5. Take the frame off the wall and remove all AccuHang® hanging guides from the brackets.
6. Follow the step #8 as described above for the two-point wall attachment to install pan head screws in the positions on the wall marked by hanging guides with a black WallGlider™. Always use pan head screws with wall anchors for security installations.
7. To install a plastic anchor for the “T” head screw drill a 5/16" diameter hole using a dimple made by the hanging guide with a green WallGlider™ as a starting point. Gently hammer the plastic anchor into the drilled hole until it is just flush with the wall surface. Thread the “T” head screw into the plastic anchor until about 3/8" extends out from the wall surface. Start the “T” head screw first by hand and complete using a security wrench. Align the head to a final horizontal position.
8. Hang the frame by slipping the top brackets into the heads of the pan head screws on the wall.
9. The head(s) of the “T” head screw(s) should fall inside the slot of the bottom bracket(s). From below the frame, grab the neck of the “T” head screw with a security wrench and turn it on about 90° to lock. The frame is now secured.

Pic. 1

AccuHang® bracket attached to a frame in the vertical orientation



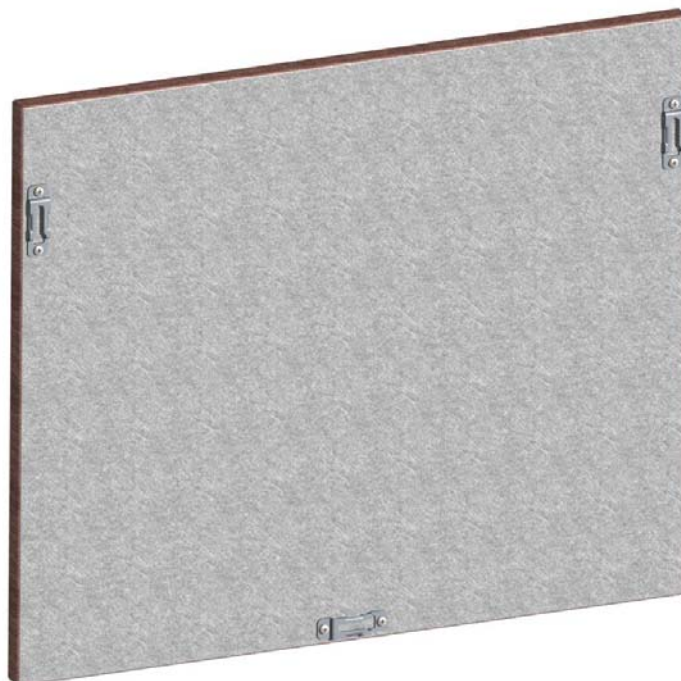
Pic.2

AccuHang® professional hanging guide temporarily mounted on a bracket



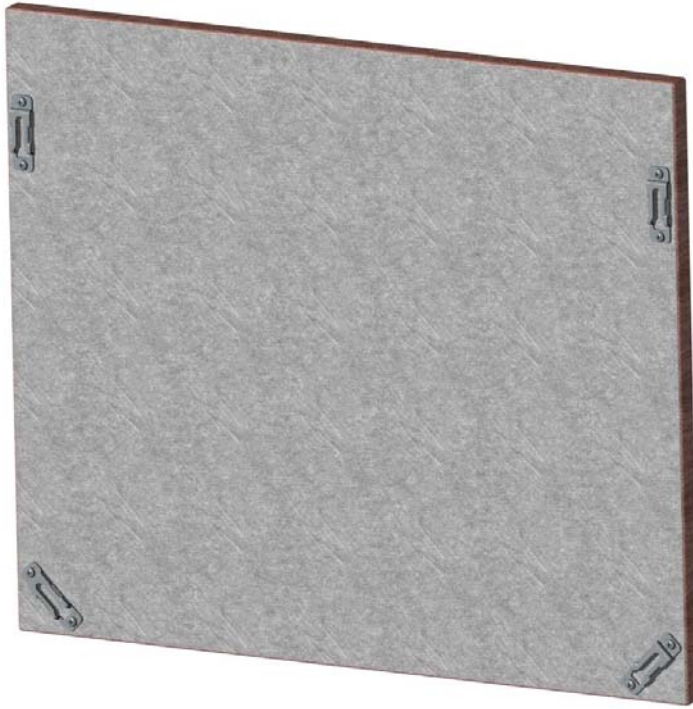
Pic.3

AccuHang® brackets attached to a frame for security mounting



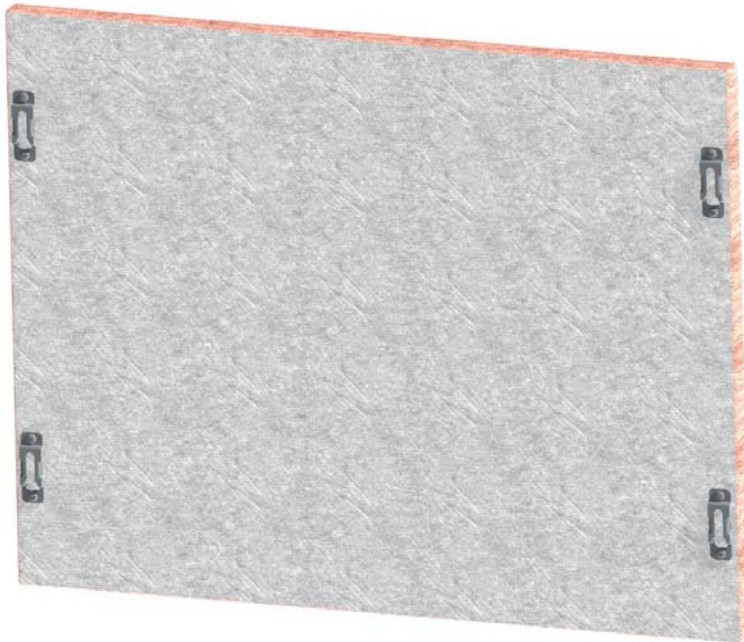
Pic4.

AccuHang® brackets attached to a large, heavy frame for security mounting. Attaching two low brackets for the “T” head screws in 45° orientation and bridging the bottom and vertical rails reinforces the frame.



Pic.5

AccuHang® brackets attached to a frame for security mounting when there is no access for the security wrench to the bottom rail. A pair of lower brackets for the “T” head screws attached to the side rails about 4” from the bottom.



Pic. 6
AccuHang® level placed on the frame top rail



Pic.7
AccuHang® level placed on the lip of the frame bottom rail

