



Installation guide for Altro Whiterock™ Recessed Shelf A900

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Installation quickfacts, installation and maintenance guides are available online at altro.com/techdocs

The Altro Whiterock Recessed Shelf is installed flush within the Whiterock panels and heat welded and not installed on to the surface (or overlapping) of the Whiterock panels.

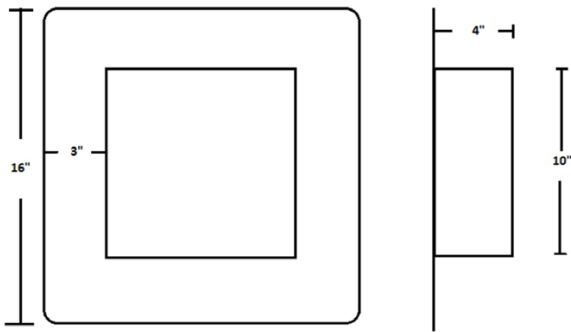
In addition to the regular Altro Whiterock panels and accessories, you will need the following accessories and tools:

- Altro Whiterock foam tape, 2"
 - Altro Whiterock weldrod
 - Jigsaw + blade (or other cutout tool such as multimaster + blade)
 - Drill with 1/4" bit
 - Edge scraper
 - Pen or pencil
 - Heat-weld gun, heat-weld nozzle, trim plate and trim knife
 - Blue painters tape
 - Soapy water
1. Determine the location on the drywall where the Altro Whiterock Recessed Shelf (A900) is desired (check layout for in wall obstructions before cutting). Cut out the drywall substrate slightly larger than the body of the A900 (cutout to the A900 body size only and not to the outside of the insert flanges).
 2. The outer flanges must be installed flush onto the wall substrate in the same manner as the Altro Whiterock panels are. It is recommended that the body of the recessed shelf be installed as close to a stud/framing as possible in order to provide adequate support. Also the area around the recessed shelf with the substrate must be reinforced for additional support. See detail diagram on the next page. **Note: In a behavioral health application it is strongly recommended to install plywood on the backside of the shelf for additional support.**
 3. Locate and mark out the position on the Altro Whiterock panel where the A900 is to be located and attached.
 4. Cut a hole in the panel slightly larger than the body of the A900 (not to the outside of the flange). Create a pilot hole with the drill. Then use the jigsaw to complete the cut. Note: It may be preferable to use a work table that has a precut hole in it slightly

larger than the size of the insert body.

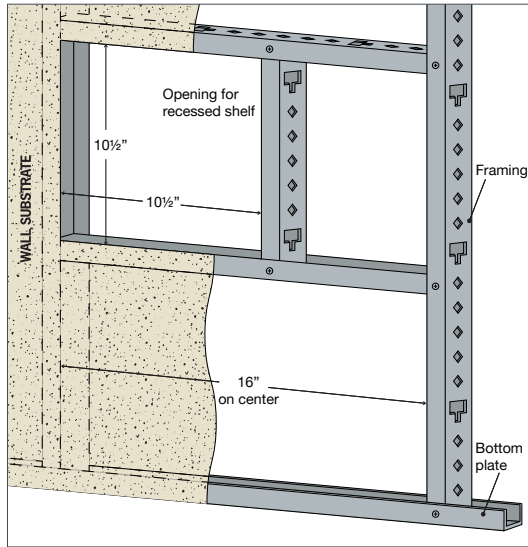
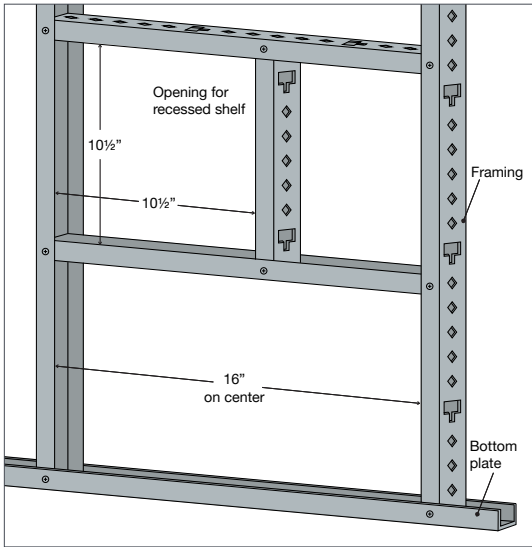
5. Lay the A900 into the cut opening of the panel and trace its outside flange outline onto the face of the panel. Make sure it is level and plumb.
6. Using the drill and jigsaw as before, cut out the flange outline in the panel. The cut should be close to net, with only a slight gap between the A900 flange outside edge and the panel cutout edges where these abutt. Use the edge scraper to clean and slightly bevel both the insert flange edges and the panel cutout edges (this is where heat-welding will take place).
7. Remove the A900 and with the panel still face up, place the 2" foam tape under the cutout opening in the panel so that 1" is under the panel and 1" is exposed to accept the A900. Leave the paper cover on the tape on the bottom (substrate) side.
8. Place the A900 into the opening and onto the tape. Ensure that it is flat and flush with the panel at the surface.
9. You may now either heat-weld these together while still on the table (preferred method) or heat-weld after installed on the wall. When heat-welding on the table, you may be aided by using thin strips of any convenient construction materials to help with holding the A900 flush with the panel face until heat-welded.
10. Trim with standard heat weld tools, using soapy water as a lubricant, and blue tape on the tools as protection.

**Do not proceed until mock-up installation has been approved.
Contact Altro for further instructions.**



Dimensions

Total Size	16" x 16" (406mm x 406mm)
Recessed Size	10" x 10" (254mm x 254mm)
Depth	4" (102mm)
Thickness	0.09" (2.3mm)
Weight	2 lbs (0.9 kg)



Recommended framing and support for Altro WhiteRock recessed shelf A900.

10 1/2" x 10 1/2" opening allows for a 1/4" spacing around the 10" x 10" body of the recessed shelf.

In a behavioral health application it is strongly recommended to install plywood or a similar type material behind the shelf for additional support.

Please see "Installation guide for Altro WhiteRock™ Recessed Shelf A900" for detailed installation instructions.

