



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 to be heat welded flush within the Whiterock panels and not installed on to the surface (or overlapping) of the Whiterock panels.

The Altro Whiterock Recessed Shelf A900 has achieved ICC ES certification. For more information scan QR code.



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

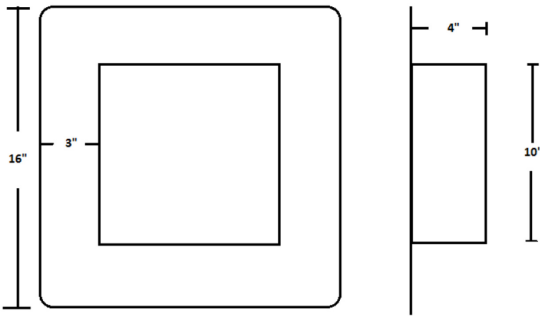
- Matching Altro Whiterock weldrod
- Jigsaw and a fine tooth blade (or similar such as multimaster, Dremel and a fine tooth blade)
- Electric drill with 1/2" (13mm) drill bit
- Edge scraper.
- Pen for marking the protective film or pencil for the backside of the panel
- Heat-welding gun with a 4mm narrow flow tip, trim plate and trimming knife
- Soapy water and small paint brush

Note: In a behavioral health application, it is strongly recommended to install plywood on the backside of the shelf opening for additional support. See detail diagram for recommended framing support.

1. Use a datum line to determine the location on the drywall where the Altro Whiterock Recessed Shelf A900 will be installed. Transfer these measurements to the panel and trace the recessed shelf outer flange on to the backside of the panel. It is recommended to mark the back of the panel (in pencil only) and cut from the back to prevent scratching whenever possible.

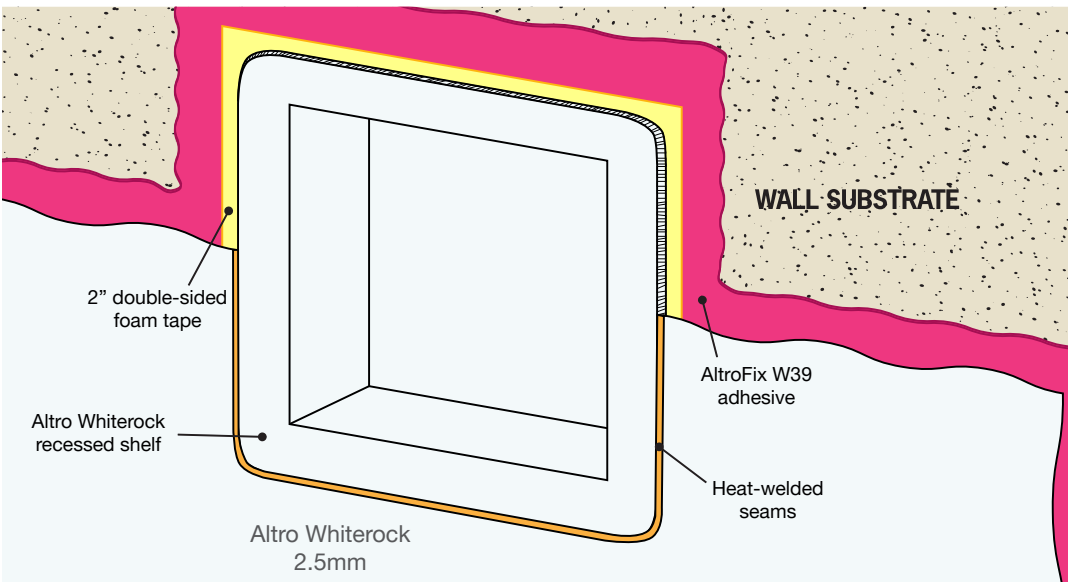
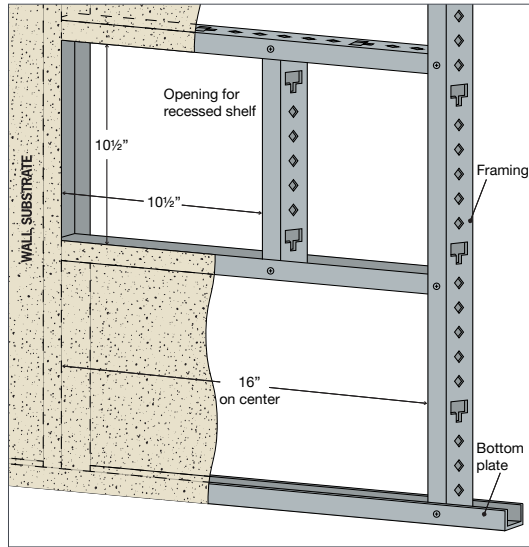
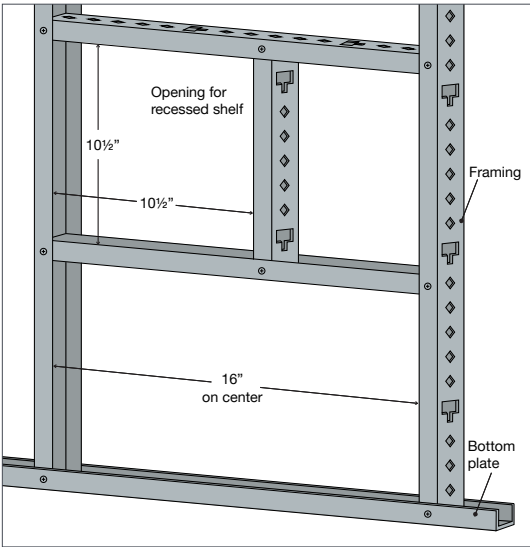
2. Drill a pilot hole(s) to get started cutting out the opening for the recessed shelf. This cut must be precise so take your time and just like traditional Whiterock welding you must leave a 1/16" (2 mm) gap around the perimeter of the opening to allow for expansion of the panels.
3. Once the recessed shelf has been dry fit and no more cutting is required you can now carefully bevel all edges to be heat-welded on both the panel and the recessed shelf.
4. There could be a slight variance in the thickness between the Whiterock panel and the recessed shelf and this is common with vacuum formed products. You may need to use thin shims to obtain a flush finish along the heat-welded seam.
5. It is recommended to heat weld the front side of the panels first to ensure a flush finish once the welding is complete on the front of the panel, flip the panel over and weld the backside of the panel to ensure a watertight finish.
6. Trim weld rod using soapy water and apply with a paintbrush, be careful not to get this into an un-welded area of the seam, as it will prevent the weld rod from fusing together.
7. Apply glue to the back of the panel and the recessed shelf with a 3/16" (5 mm) square-notched trowel and install as per normal installation methods.

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.