

Mounting Instructions
Components
for Wine Cellar

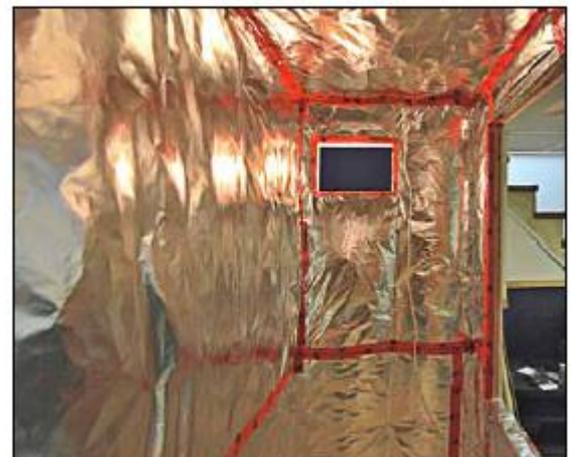
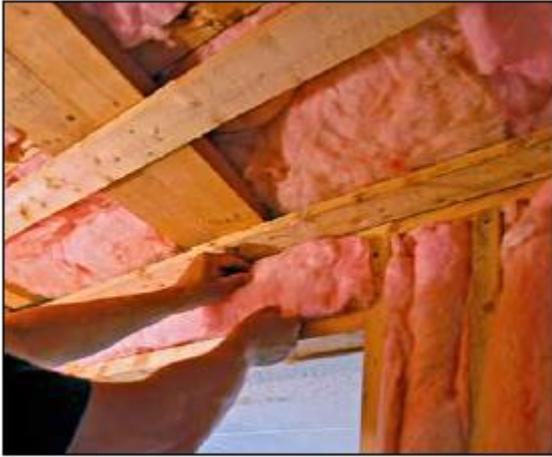




To install a wine cellar in a room that's already finished, you need to remove the walls, flooring, ceiling and all finishing elements. If there appears to be traces of mould, these must be removed using an appropriate product.



Cut the opening for the doors and windows. Cut an opening for the ventilation system. Install wiring for the lights and ventilation.



Install the insulation and the vapour barrier. All joints must be fully sealed to ensure top performance from the vapour barrier.



Cover all surfaces with $\frac{3}{8}$ " or $\frac{1}{2}$ " plywood, BC Fir grade. This grade will better resist exposure to humidity. DO NOT use particle board or fiberboard, MDF, presswood, chipboard, pine fibre or melamine panels, as they will, in humid conditions, emit vapours that can alter the taste of wines or pose a health risk.



Install the wall finish. Torrefied wood panelling, no. WP04129651 is an excellent choice for this cool and humid environment. It can be installed as is and will still resist moulding and rot. To obtain a darker tone, apply a water-based finish.

Other fine choices are: PIZARRA ALPES no. PR445 polyurethane panels, Italian White, as shown in the video, no. PR440 White Sand or no. PR444 Charcoal for a darker cellar. Note: To prevent VOC emanations, please use water-based glues and caulks.





You are now ready to install the ventilation system and the lighting. The best lighting will be DEL-based, because it emits no UV rays or heat. Such lighting is available in self-adhesive strips, round units or encased in an enclosure that can be recessed into the shelves.



Here are some suggested lighting products on Richelieu.com

no. 445122170

no. 457122140

no. 155122170

no. 3131220108

no. 3301220212

no. 1081220109

no. 235601083

The most suitable flooring are ceramic tiles, slate or natural stone. Never install any kind of wood laminate flooring, as mould can develop underneath.



Now, on to the installation of the bottle bins. Please refer to the installation video. A level surface is essential. Should the floor not be level, select the shelving system with adjustable legs. This system will also protect the shelves from minor water damage. Since the wine bottles are quite heavy, the no. 4501090 legs should be installed 12 inches apart.

To ensure maximum stability, install enough fasteners (no. WS040060) 12 to 16 inches apart, at each bin level.



In order to stabilize the vertical posts, install a no. MR009651 molding at the front surface of the bin, at each 4 rows of bottles. Molding no. MJ009651 is installed at the joint between 2 stacked bins, to ensure a solid connection. Should you decide to glue together the bins, we recommend the use of **Titebond II glue**, which is resistant to humidity and is suitable for contact with food. If the door or window includes a glass opening, the glass should be treated to block UV rays. Treated or smoky glass is the best choice. Having said that, wine keeps much better when stored in a completely dark environment.