

## BUILDING INSTRUCTIONS FOR THE VINICASE WINESTORAGE BINS

### Introduction:

We advise you to read this document carefully before putting together the bins. The dimensions for each piece are very precise. Be meticulous with the positioning of the first elements (dimensions and level), and the rest will follow easily.

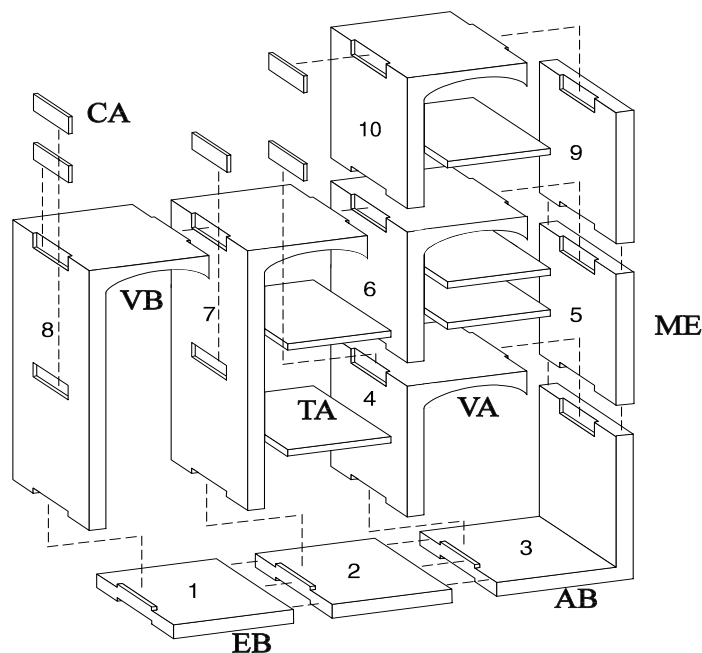
For the erection of the bins, you need: a spirit level, a pencil, a tape measurer. To fix the grids, you need: a drill with a 6 mm masonry bit, a screwdriver and 4 cm screws long max, adapted to 6 mm raw plugs. We supplied with the order : glue for the CA plugs (white coloured glue), glue for repairs and finishes (rose glue), long metal rods with small black plastic caps for the TA shelves (4 rods by shelf and one black cap by rod) and short metal rods for the ME and MEC sides (2 by side).

### First steps:

Before building, and to avoid any later dismantling, you'll need to trace on the ground with your tape measurer the precise position of your pieces. If you build against a wall, we advice you to leave a 1,5 to 2 cm gap, and above all, to check the walls' vertically to avoid the disagreement of butting against it at a certain height.

### To start:

The elements have a smooth side and a rough side; place the smooth side on the front. The floor elements (EB) and the angle that forms the right-hand corner at the base (AB) must be absolutely level. This stage is important otherwise your vaults won't be true. The ground must be level the whole width and depth of the bins. You may want to put wedges between the floor and your floor elements to make up for any slight unevenness. Starting on the left, with the help of your markings on the ground, determine where you'll place your first EB element. Proceed likewise with each EB element and finish on the right by placing the AB element, assuring that it's perfectly level.



**To continue:**

The construction of the vaults is done from right to left according to the building instructions. It is important to proceed level by level, bearing in mind the position of the different sized vaults. The VA vault n°10 in the building instructions will be placed after the VB vault n°7. Otherwise the VB vault will not fit into the VA element n°6.

The sides (ME) are fixed with small metal rods, these fit into the pre-drilled roles. If ever you want to put a ME side on a vault, you'll need to drill two roles with a 6 mm masonry bit.

**To finish:**

When all the elements are put together, you need to glue the CA in the redundant gaps. The plugs are glued with a small amount of white glue. The plugs have a finished side which is placed face down. Check before you put the glue. When the plug is in place, press it into the gap. Use a small piece of wood, resting on a wall or inside a bin to hold it in place until it's dry.

**Snagging:**

Little mishaps can happen during the construction: a chip in an angle, a knock against another piece, etc... These little chips can be repaired with the off-white glue that comes with your order. Smooth the glue with a little trowel. When it is dry, you can give it a perfect finish with a fine sandpaper. The rose repairs glue contains Comblanchien powder. When the repair is dry, it is virtually invisible.

**The TA shelves:**

With each TA shelf, there are 4 metal rods and 4 black plastic caps. Fit the caps at the end of the rods. Then, introduce the rods in the vault sides or end sides. Push them in about 3 cm. Do not use the same rod to support 2 shelves at the same height.

In some cases, you may need to drill two holes to put a central shelf in a large VB vault. If for example your VB vault follows two superposed VA vaults, you will have to drill the two missing holes half-way up that vault.

**Stacking the bottles with slats:**

To double-stack your bottles, as preferred by the wine professionals, you need to place a slat horizontally at the bottom of the bin or of the shelf. Place the bottles of your first back row with their bottoms on the slat, and their necks resting between the necks of the front row. All the bottle necks rest in the middle. The following back rows don't need slats.

**Fitting the gates:**

Position your gate in front of the bin (gate closed) and trace out the outer line of the hinges on the sides of the bin. Then, open the hinges, position the open gate with the hinges inside the lines, and mark the holes for the screws. It is important to drill slightly at an angle towards the centre of the sides to prevent the concrete from splitting. The holes should be 6 mm wide. Put the plugs in and keeping the hinges open, screw the gate on the element. When you close the gate, the hinges overlap and hide the screws. Next, fix the plate: turn the key to make the lock bar come out. It will be easier to position the plate. Mark the holes and drill, once again using a 6 mm masonry bit.

We wish you an easy and successful mounting, and much pleasure with your Vinicase system.