

Lock Dowel Drawer Box Instruction Procedure

Purpose

Lock dowels are used to create a clean non fastener look for melamine boxes

Drawer Box Assembly

[Image 1.jpg](#)

1. Gather all your parts by reading the labels

Labels will be coordinated with a number in the top right corner with Left, Right, Front, Back, and Bottom

2. Inspect all your parts for imperfections before starting

If imperfections are found, show them to your supervisor and they will direct you to the proper method to fix it or instruct you to have the part recut

Image 2.jpg

3. Using the proper tool, clean the edges of each part of any glue or hang over

Image 3.jpg

4. Place lock dowels in the designated per drilled holes

[Image 4.jpg](#)

5. Using a soft mallet, lightly tap the lock dowel down till the bottom of the dowel is flush with part

[Image 5.jpg](#)

6. Place glue in the coordinating keyhole slots

Image 6.jpg

7. Insert the Lock Dowell into the coordinating keyhole slot to create the locking mechanism

Image 7.jpg

8. Push the part up to lock in place

Image 8.jpg

9. Place glue in the dado that the drawer box bottom will be placed

Image 9.jpg

10. With the glide holes up and facing toward the inside of the box, slide the bottom into the bottoms' dado

Image 10.jpg

11. Make sure the bottom is flush with the back

Image 11.jpg

**12. Using a staple gun and the 1 1/4" staples
secure the bottom to the back panel**

13. Put fastcaps over drawer front screw holes to prevent cracking

Revision #2

Created 27 January 2023 21:56:27 by Jacob Leon

Updated 27 January 2023 22:25:23 by Jacob Leon