

## Chapter 25 - Interior Finishes

### Things to Consider

➤ The locations of the finishing items have been changed to comply with the AWARE standards.

### Components

Closet Organizers	Bathroom Accessories	Window Blinds
Door Stops		

### Timing & Prerequisites

- The painting must be complete prior to all interior finishing.
- The interior door installation must be complete prior to door hardware being installed.
- The trim must be installed at the windows prior to mini blinds being installed.
- The House/Project Lead will work with the Habitat Supervisor to co-ordinate these volunteer activities.

Materials Needed	
<b>Bathroom Accessories</b> Mirror and Clips Towel Bars (16" and 24") Toilet Paper Holder (1 each bath) Shower Curtain Rod Wall Anchors Exhaust Fan Covers Bath & Tub Caulk	<b>Door Hardware</b> Door Locksets (Locking/Privacy) Door Locksets (Non-locking/passage) Door Locksets (Exterior) Door Stops (Hinge type) Door Stops (Baseboard type) Door Viewer(Front Door only)
<b>Closet / Pantry Shelves</b> 12" Wire Racks 12" Wire Rack with Slide Bar Wall Clips Side Wall Brackets Deep Cups Support Brackets	<b>Windows</b> Mini Blinds (Single / Double) Window Screens Caulking for Under Sills

Phase Specific Tools Needed	
Description:	Quantity:
<ul style="list-style-type: none"> <li>○ Stud Finder</li> <li>○ Caulking Gun</li> <li>○ Bolt Cutter</li> </ul>	

- Chisels
- Belt Sander w/ Medium Grit Paper
- Center Punch

## Activities

### Install Bathroom Accessories

#### Full Baths:

- Polished chrome toilet paper holder
- Polished chrome 24" towel bar (2)
- Polished chrome towel ring
- 60" twist tight shower rod
- Mirror

#### ½ Bath:

- Polished chrome toilet paper holder
- Polished chrome 24" towel bar
- Polished chrome towel ring
- Mirror

### Wall Mirror

The mirror shall be mounted with the bottom edge of the reflecting surface no higher than 40" above the finished floor.

1. Install the bottom mirror clips. Start by installing the bottom clips on a level line 40" above the finished floor. The clips should be installed into studs.
2. Set the mirror on the clips. Center it in relation to the vanity top.
3. Attach the top clips above the mirror. Again, the clips should be installed into studs. Go into wood if at all possible. If not use wall anchors.

### Towel Ring

1. Install towel ring above the sink. Keep ring 3" from mirror.

### Towel Bars

1. Install towel bars in locations close to the shower and to the sink. Over the toilet is often a good location. Assure they are level.

### Toilet Paper Holder

1. Install toilet paper rolls 15" Above Finished Floor (AFF).
2. Conduct a "sit" test to determine the best location for the holder.

### Shower Rod

1. Install the shower curtain rod. Follow the manufacturer's instructions.
2. Typically this rod will be a couple inches above the shower enclosure.

### Medicine Cabinet

The medicine cabinet shall have at least one usable shelf no higher than 44" above the finished floor.

### **Install Shelving**

**Closet Shelving** - Install shelving as indicated on construction documents for all closets, storage areas and pantries. Metal shelving shall be fabricated of heavy-gauge vinyl coated welded steel rod with deck rod spacing having a maximum distance of 1". Provide supports a minimum of every 3' and a maximum 6" on center (OC).

**Pantry Shelving** - Install shelving as indicated on construction documents for all closets, storage areas and pantries. Metal shelving shall be fabricated of heavy-gauge vinyl coated welded steel rod without deck rod spacing having a maximum distance of 1". Provide supports a minimum of every 3' and a maximum 6" on center (OC).

1. Note the following:  
Clothes / coat closets will have their shelf at 5' 6". Those shelves will be the type with a slide bar.
2. The linen closet will have shelves (without the slide bars) at 2', 4', and 6'.
3. Cut the shelf to length - a bit shorter than the space. A bolt cutter is a good tool for cutting the wire type shelving. A hacksaw or any metal cutting blade will also work.
4. Make a level pencil line (lightly) where the shelf will go on the back wall.
5. Install the shelf with the wall clips. Go into the studs or use wall anchors.
6. Raise the front of the shelf until it is level.
7. Install the side wall brackets.
8. Install the support brackets.

### **Install Door Hardware**

**Exterior Doors** – Provide and install lockset and deadbolt lockset. All locksets and deadbolt locks shall be keyed alike. All locksets to be lever handle style. The doors must also include a peep hole.

**Interior Doors** – Provide and install a lever handle style lockset. Interior doors shall be a combination of privacy and passage locks. Use privacy locksets on bathrooms and bedrooms.

### **Install Locksets**

1. Be sure you have the correct lockset for the door. Bedroom and bathroom entry doors will have privacy locksets. All other doors such as closet and basement doors will have passage locksets.
2. The screws should go into the assembly so they are seen only from inside the room / closet.
3. Follow the manufacturer's directions to install the locks.

4. A small amount of chiseling / cut-out work may be required to get the components to fit into the doors.
5. Install cylinder lock and handles before the strike plate.
6. The installation of the strike plate has the greatest chance for error. An improper installation will not hold the door tight and allow it to rattle.
7. Check the depth of the precut notch for the strike plate before drilling holes.

Hold the strike plate in place and close the door. The door should fit snugly.

If the door is not tight, cut the notch a little deeper.

8. Always pre-drill the holes for the strike plate.
9. Test the door knobs. They should open / close easily. The locks should open by turning the handle on the inside of the room. The "key" should open the lock from outside of the room.
10. Save the little "keys" for the locking door hardware. Place the "key" above doors with lockable hardware.

### **Install Door Stops**

1. Use the base stops wherever possible. Doors that do not open into a wall will have a hinge stop.
2. For hinge mounted door stops, remove the top pin; slide the door stop on the pin; and reinstall the pin. Always use 2 hinge door stops on each door. Install one at the top pin and one at the middle pin.

### **Install Door Viewer**

**Peep Holes:** Provide two (2) 180 degree peep holes in all exterior doors. Install one at 45" and one at 58".

1. Locate position for the viewer. The viewers should be in the center of the door at heights specified.
2. Mark the locations with a center punch.
3. Use a step (cone) bit to create the correct size holes. Refer to the manufacturer's instruction for the size of holes needed.
4. Follow the manufacturer's instruction for installing the viewer.

### **Caulk beneath the Window Sills**

1. Use blue painter's tape to make a nice straight line on the sill bottom near the wall.
2. Make another line with the tape on the wall near the sill.
3. Apply white latex caulking in the area between the tape lines.

4. Smooth the caulk with a finger
5. Remove the tape
6. Lightly smooth the caulk again if needed with a wet finger.

### **Install the Mini Blinds**

1. Note - These blinds will be cut to a specific width for a specific window. They are to be mounted on the inside and near the top of the window frame. Not on the exterior.
2. Note – Blinds will only be installed in ‘Private’ areas. Private areas are defined as bedrooms and bathrooms.
3. Follow the manufacturer’s instructions. You may need to use longer screws than those provided by the manufacturer to get securely into the wood.
4. The blinds can be adjusted for height if necessary.
5. Test the opening / closing and raising / lowering. All should operate smoothly.

## **Tips & Techniques**