

# Traditional Solid Shelving Assembly and Installation Guide

Please read all of the instructions before beginning assembly and installation.

## Basic Tools For elfa<sup>®</sup> Assembly and Installation



Level



Hand or  
Power Drill



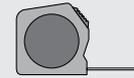
#2 Phillips Head  
Screwdriver



Drill Bits  
1/8"/3mm, 5/16"/8mm  
& 3/8"/10mm



# 2 Phillips  
Head Bit



Tape  
Measure



Pencil

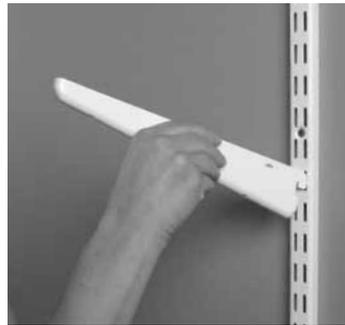


Ladder or  
Step Stool

## Easy to Install!



Install the first wallband at desired height on the wall.



Place a bracket in the wallband.



Install the second wallband. Use a shelf as a level to check that the wallband is placed in balance.



Install all remaining shelves. Start from the top.

## Traditional Solid Shelving Components



Wallbands  
Solid Shelf Brackets  
Solid Shelves

# Traditional Solid Shelving Assembly



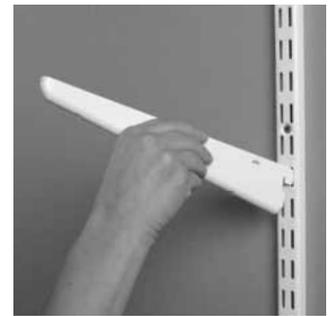
**Step 1** Install the first wallband at desired height on the wall. Start by drilling a hole in the wall for the second hole (from the top) in the wallband. Fasten with one screw.



**Step 2** Check with a level that the wallband is hanging in vertical position.



**Step 3** Drill holes and fasten the remaining screws.



**Step 4** Place a bracket in the wallband.



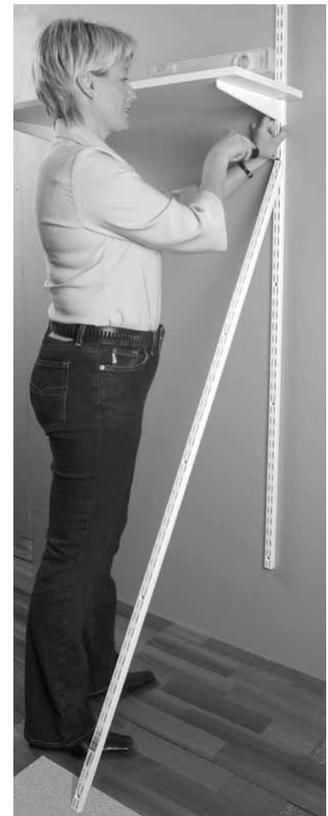
**Step 5** Prepare for the second wallband by measuring and mark the c/c-distance, not more than 900 mm between the wallbands. Place a bracket in the second wallband on the same height as the first one. Be sure of placing the wallbands parallel with one another and to place the both brackets in the same height.



**Step 6** Place a shelf on the brackets and check with a level that brackets are in level. Drill holes and fix the wallband with screws.



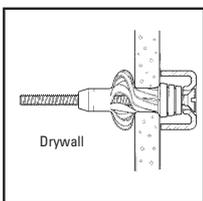
**Step 7** Install all remaining shelves. Start from the top.



## Installation tips

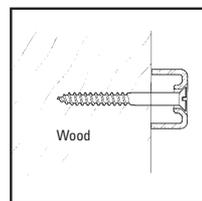
Use a third wallband as a support during the installation. You may then use your both hand for the installation work.

## Types of hardware and their applications are explained below.



### Hollow wall installation (G5)

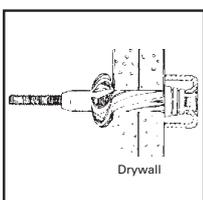
Used for 1/2"/10mm or 5/8"/17mm thick drywall.  
Use 3/8"/10mm drill bit to drill hole. Insert dark blue anchor, remove and discard the gray spacer.  
Use # 2 Phillips head bit to tighten the screw.



### Wood installation (R6)

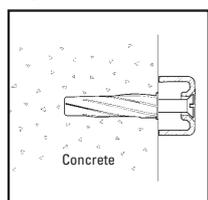
Used for mounting into drywall over wood studs or directly into wood.  
Use 1/8"/3mm drill bit to drill a pilot hole the length of the bit. Discard anchor.  
Use #2 Phillips head bit to tighten the screw.

## Other Installation Hardware for Special Wall Construction



### Hardware for 1"/18-30mm thick walls (G6)

Used for 1"/18-30mm thick plaster or drywall.  
Use 3/8"/10mm masonry drill bit to drill hole. Insert red anchor, remove and discard the gray spacer.  
Use #2 Phillips head bit to tighten the screw.



### Hardware for masonry walls (R6)

Used for mounting into masonry walls, concrete, brick, etc.  
Use 5/16"/8mm masonry drill bit to drill hole. Insert light blue anchor.  
Use #2 Phillips head bit to tighten the screw.

# Traditional Solid Shelving Assembly (cont.)

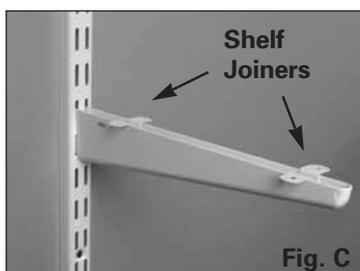
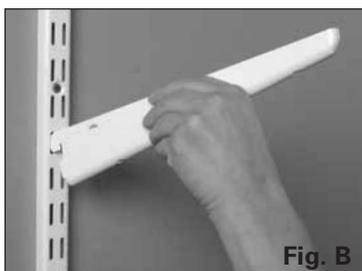
**Step 1** Install the Wallband (see page 2).

**Step 2** Position Wallbands at the proper distance for the Shelves being used. The maximum distance should not be more than 30"/900mm apart. Wallbands should be parallel with one another and perpendicular to the floor (Fig. A).



**Step 3** The row of Shelving closest to the middle should be installed first. Put the Brackets in the Wallbands for the row you are installing (Fig. B).  
If joining Shelves, put the Shelf Joiners in the Brackets. One Shelf Joiner should be placed at the very front of the Bracket and one at the back of the Bracket, approximately 1/2"/10mm from the Standard (Fig. C).

**Step 4** Place the Shelf on the Brackets and use a pencil to trace an outline of the Brackets (Fig. D).  
If joining Shelves, place the entire row of Shelves on the Brackets. Adjust them so there are no gaps at the front where the Shelves meet. On the bottom of the Shelves, use a pencil to mark the holes in the Shelf Joiners, as well as to trace an outline of the remaining Brackets.



**Step 5** Take the Shelf off the Brackets and place it upside down on the floor with pencil marks visible.  
If joining Shelves, keep them in sequence when taking them off the Brackets and placing them on the floor (Fig. E).  
Take the Shelf Joiners out of the Brackets and place them on the floor next to their respective Shelves.

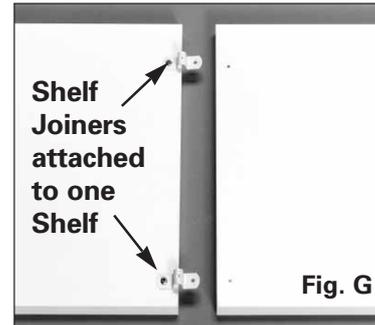
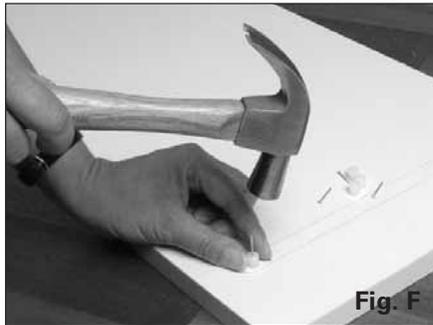


# Traditional Solid Shelving Assembly (cont.)

**Step 6** Install Shelf Pins by placing one as close as possible to the front of the Bracket outline, by gently tapping into place. Place a second Shelf Pin at the back of the Bracket outline 1/2"/10mm from the back of the Shelf and tap into place. Repeat for all Shelves requiring Shelf Pins (Fig. F).

If joining Shelves, use a 1/8"/3mm drill bit to drill holes for each screw marked for the Shelf Joiners. Begin with the first Shelf on the row and use 1/2"/10mm screws to attach one side of each Shelf Joiner to a Shelf. Do not attach the other side of the Shelf Joiner to the next Shelf at this time (Fig. G).

If using Shelf Screws, take a Bracket out of a Wallband to use as a guide. Place the Bracket over each Bracket outline on the Shelf and use an awl (or similar pointed tool) to punch a mark for screws through each hole in the Bracket. Be sure to keep the awl straight. Remove the Bracket and use a 1/8"/3mm drill bit to drill a hole at each punch mark.

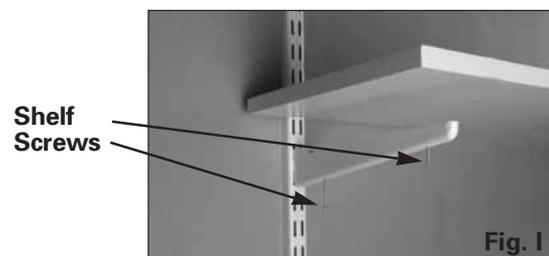
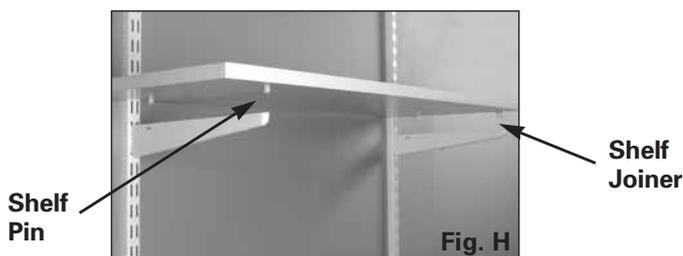


**Step 7** Place the Shelf on the Brackets by putting the front Shelf Pin(s) into the Bracket. Gently push the back of the Shelf into position. The front Shelf Pin(s) will push against the front of the Bracket holding it in place (Fig. H).

If joining Shelves, position the Shelf on the Bracket by putting the front Shelf Joiner into the Bracket. Gently push the back of the Shelf into position. The front Shelf Joiner will push against the front of the Bracket holding it in place (Fig. H). Place the next Shelf in the row over the Bracket and Shelf Joiner. Continue until you have all Shelves on the row in place. Align the holes in the Shelves with the corresponding Shelf Joiner holes and insert the 1/2"/10mm screws. Tighten each screw.

If using Shelf Screws, place the Shelf on the Bracket and align the holes in the Shelf with the corresponding Shelf Bracket holes. Insert a 1-1/4"/30mm screw in the front hole and a 2"/50mm screw in the back hole of each Bracket. Tighten each screw (Fig. I).

Note: A combination of the above methods may be used to attach Shelves to Brackets.



**Step 8** After installing the row of Shelving closest to the middle, repeat for each row of Shelves. Start at the top and work down to allow for easier access when inserting hardware into the bottoms of the Shelves.