




LEPAGE MILLWORK

BI-FOLD DOOR INSTALLATION MANUAL



Porte Pliante - Bi-Fold Door

PIÈCES D'INSTALLATION - INSTALLATION PIECES

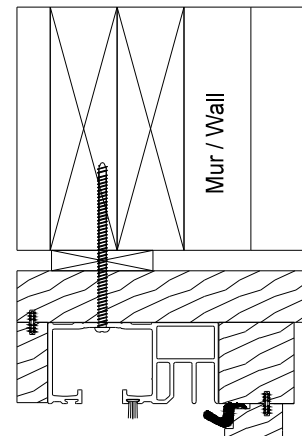
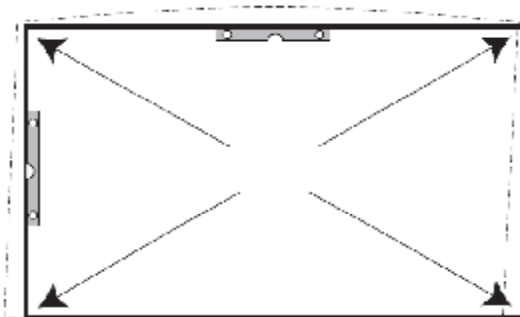
	Description	Qte / Qty
-		
	<div>#10 x 4" washer head screw</div> <hr/> <div>Vis à tête rondelle #10 x 4"</div>	En fonction de la largeur (1 aux 16") / Depend on the width (1 every 16")
Si cadre désassemblé / If knock down frame :		
	<div>#6 x 2" flat head screw</div> <hr/> <div>Vis à tête fraisée #6 x 2"</div>	4
	<div>#8 x 3" washer head screw</div> <hr/> <div>Vis à tête rondelle #8 x 3"</div>	16

This document will give you step by step instruction to properly install your new Bi-Fold door from Lepage Millwork. Read the provided instructions in their entirety before starting to install the Bi-Fold Door. Contact the Lepage Millwork Customer Service Department at 1-800-463-1367 for any question or clarification.

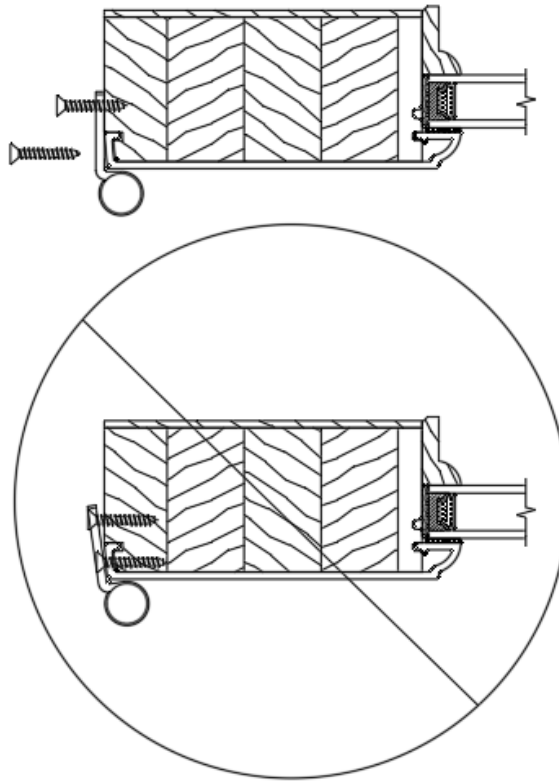
Any local, regional or national building code requirements supersede these instructions.

If you received the frame knock-down, please refer to Annex B to start.

- 1- Insert the frame in the opening and be sure that it is installed square, plumb at level. Lepage Millwork has supplied 4" (100mm) screws to support the head jamb. The screws provided are only a suggested screw size and the actual screw size that will be needed must be long enough to penetrate at least 2" (50mm) into the header. The top track is pre-drilled; install a screw in each hole. It is very important that the head jamb is shimmed and properly anchored to the header. The weight of all the door panels will be held by the head jamb and if it is not anchored properly the installation will fail. It is very important that the head jamb be shimmed and anchored to the header as straight as possible. Any bow in the head jamb could cause problems with the operation of the door, but a 1/8" bow or less in an upward position will be acceptable, but never bow in the down position.



- 2- Install all panels in numerical order per the Annex A. All panels are pre-drilled for the hinges. If you have aluminum clad panels, be sure to install the outer screws through the hinge into the wood first. Then install the screws through the hinge into the aluminum next to ensure that the hinge is level.



- a. For the middle hinge on the frame, use “ L ” pin as per illustration below.



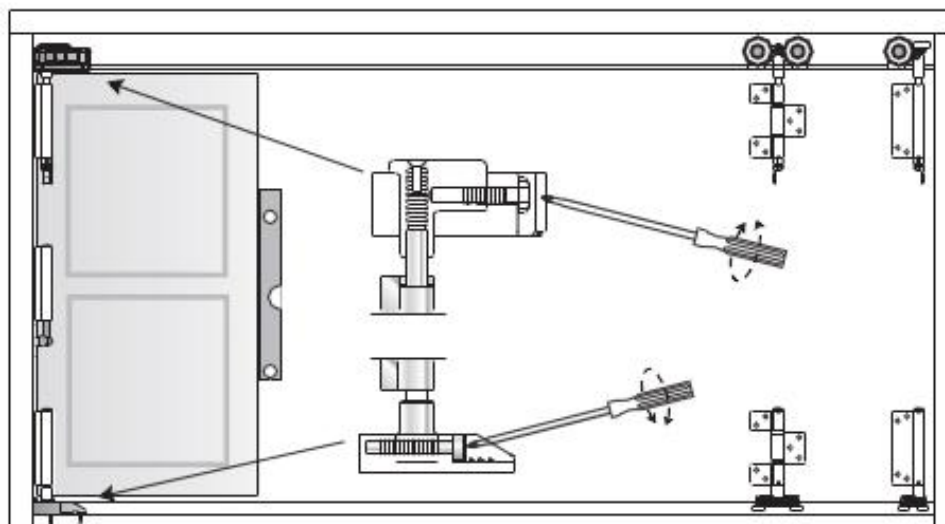
3- Door adjustment. Nominal* gap :

- a. 9/32" (7 mm) between 1st door and frame. **
- b. 3/16" (5 mm) between the top of the panel and the head frame.
- c. 3/16" (5 mm) between active and inactive door.

* This is a suggested gap, depending of the installation environment, the size of the gap may varie.

** For the 2L, 2R, 2L2R, 4L, 4R, 4L4R, 6L and 6R configurations, the gap is 1/2" (12mm) on the opening side.

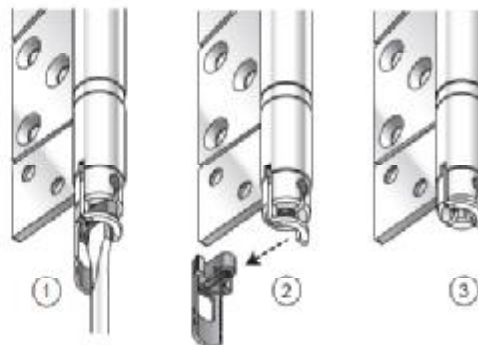
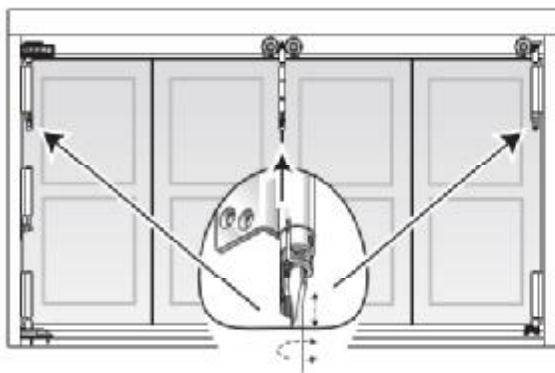
Side adjustment:



Height adjustment:

Depending of your hardware type:

Model with flat screwdriver:



Using Surelock™ is simple:

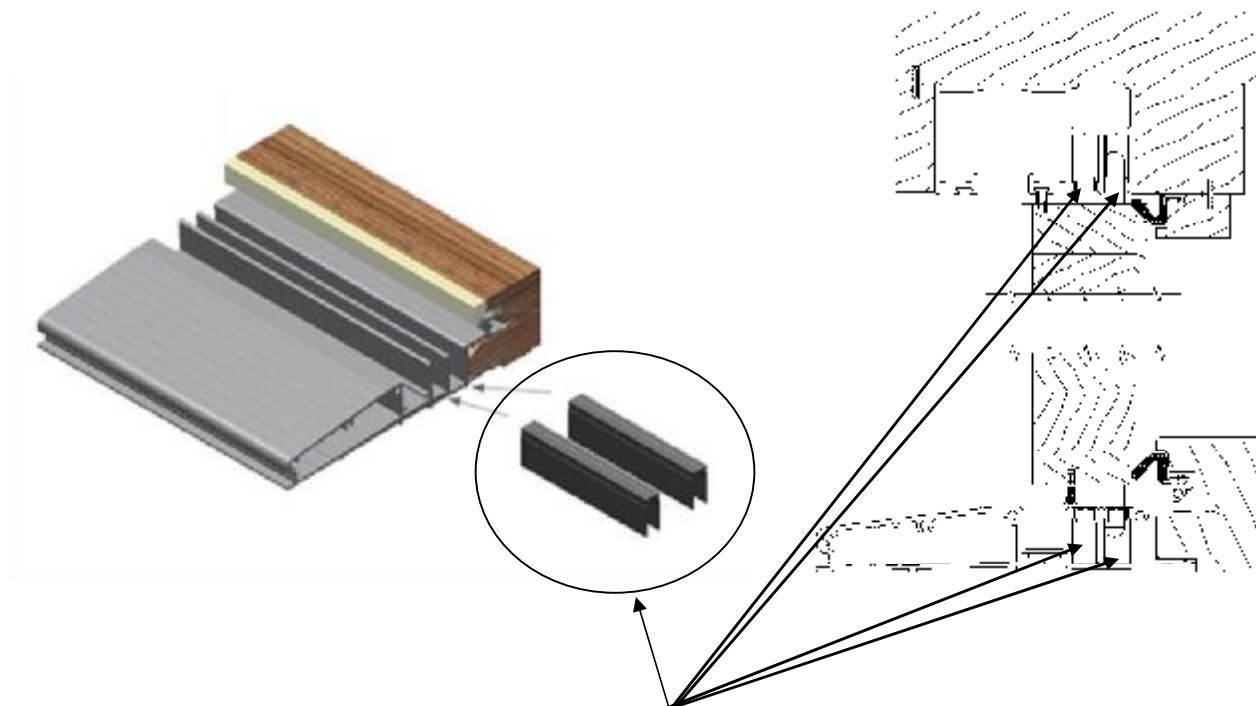
1. Surelock™ is supplied with a plastic shipping clip installed to make initial adjustment very easy.
2. Insert a flathead screwdriver into the slot to rotate the pin.
3. When correct adjustment is reached and doors operate well, remove the shipping clip (it's seriously ugly to help you remember).
4. Surelock™ will automatically snap into place when the blade and slot are aligned.
5. To readjust at a later date, simply pull the blade down to disengage it from the slot and rotate the pin.

Model with Allen key:

- 1) Insert the Allen key at the bottom of the hinge
- 2) Turn right or left to move up or down the panel
- 3) When the panel is set to the correct height, remove the Allen key to secure the panel



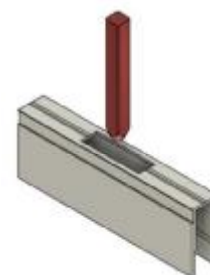
- 4- Snap in cover for flushbolt channels to prevent accumulation of debris at sill and head (optional).



This PVC cover for flushbolt channels are delivering with the same length as sill and head.

Field installation, after doors assembly, cut and install one section between each locking points. Keep around 1" between each sections.

Please note that if the hardware is a : Twin point, a cut on the top of the plastic will be needed. This keeps the sash from moving due to wind.



- 5- Install the handle

Specific Bi-Fold hardware care and maintenance¹ :

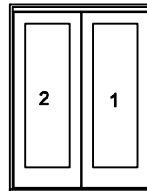
- Always keep the sill clean and the head track clear of debris to ensure proper bearing. Occasionally lubricate the bearings at the head and the hinges.

¹ See installation manuel and maintenance of Lepage Millwork products for more details.

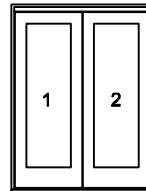
Configurations / Configurations

2 panneaux / 2 panels

Type 2R

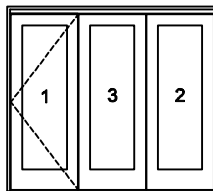


Type 2L

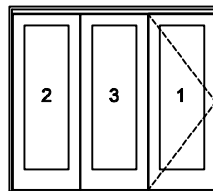


3 panneaux / 3 panels

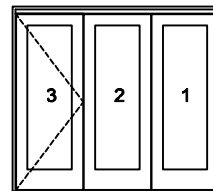
Type 1L2R



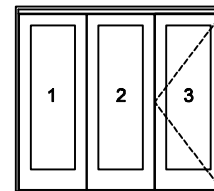
Type 2L1R



Type 3R

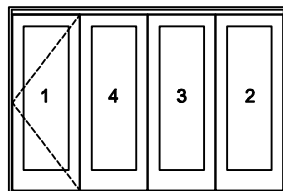


Type 3L

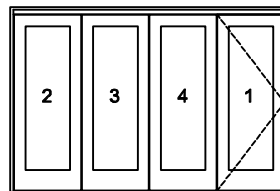


4 panneaux / 4 panels

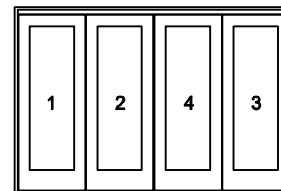
Type 1L3R



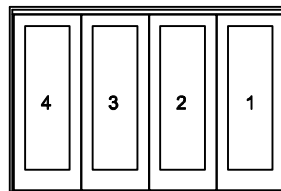
Type 3L1R



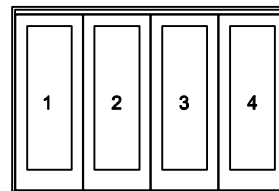
Type 2L2R



Type 4R

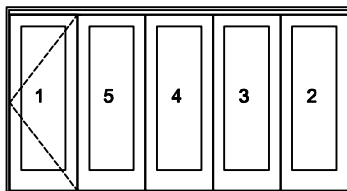


Type 4L

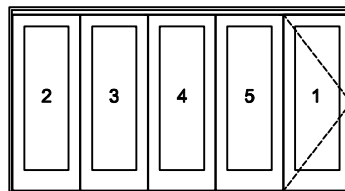


5 panneaux / 5 panels

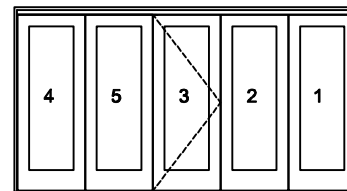
Type 1L4R



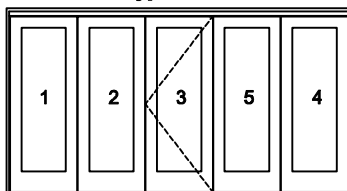
Type 4L1R



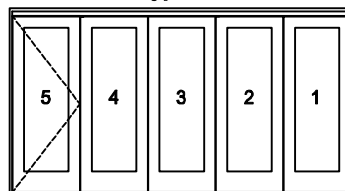
Type 2L3R



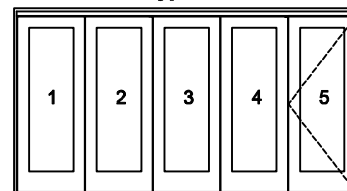
Type 3L2R



Type 5R

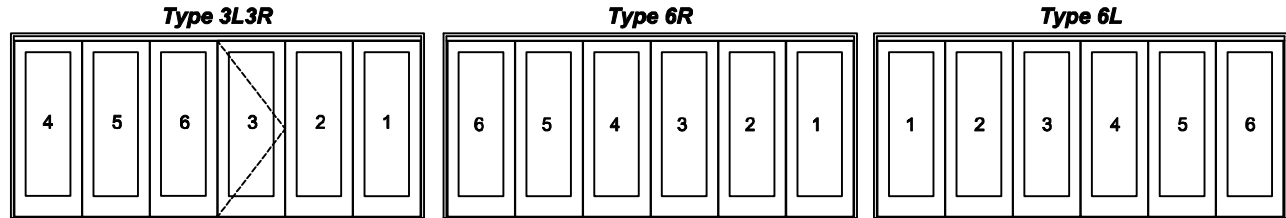


Type 5L

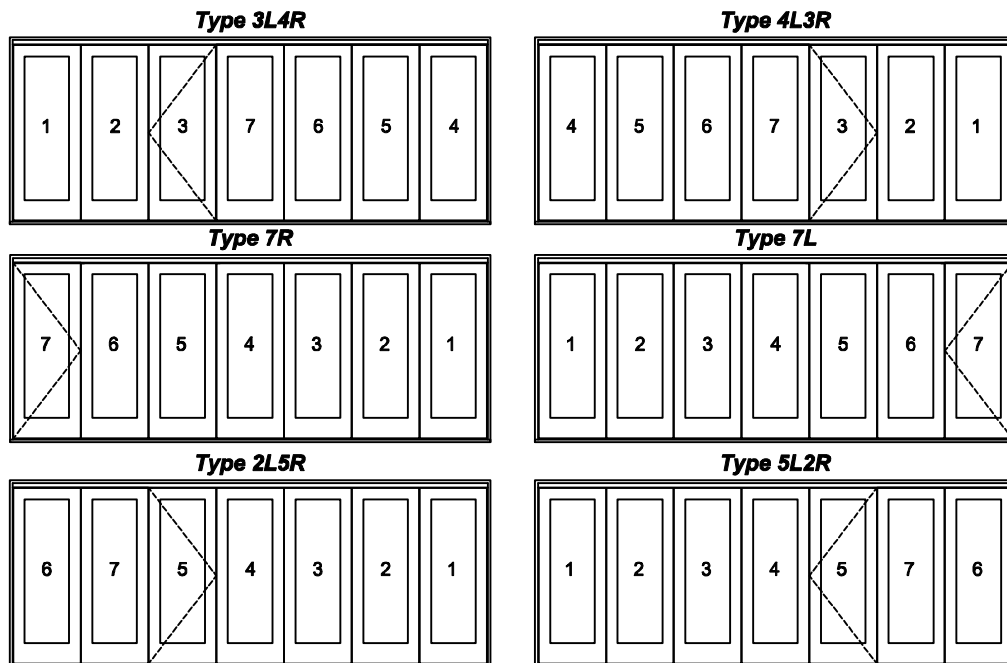


Configurations / Configurations

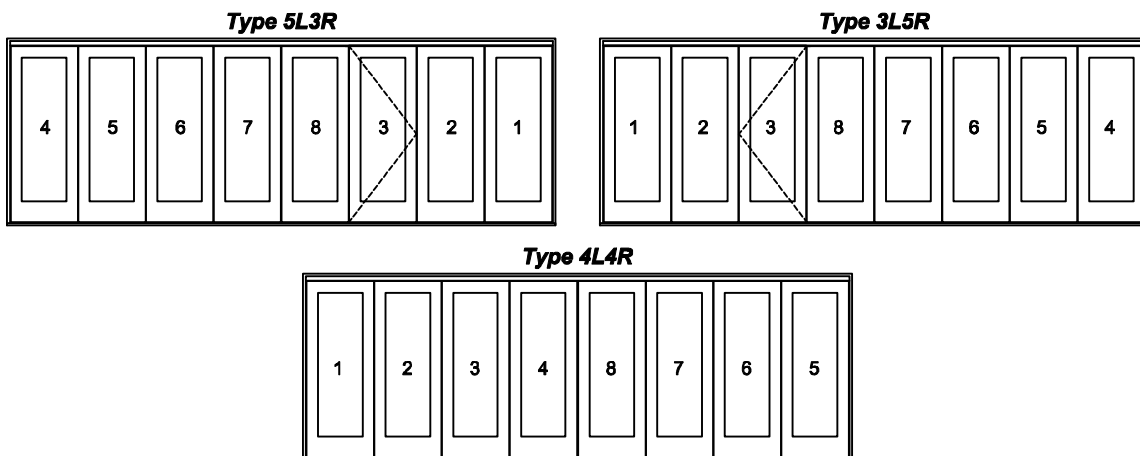
6 panneaux / 6 panels



7 panneaux / 7 panels



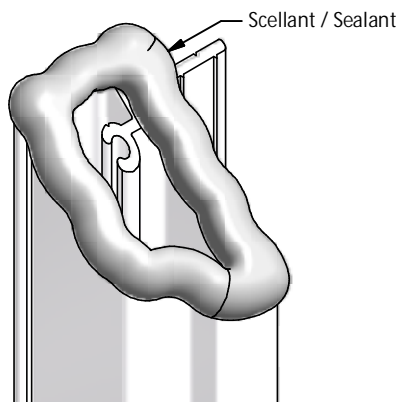
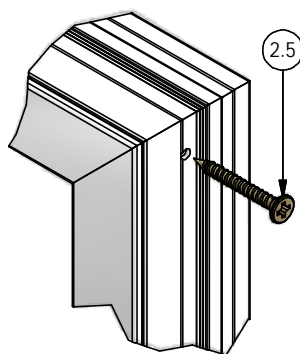
8 panneaux / 8 panels



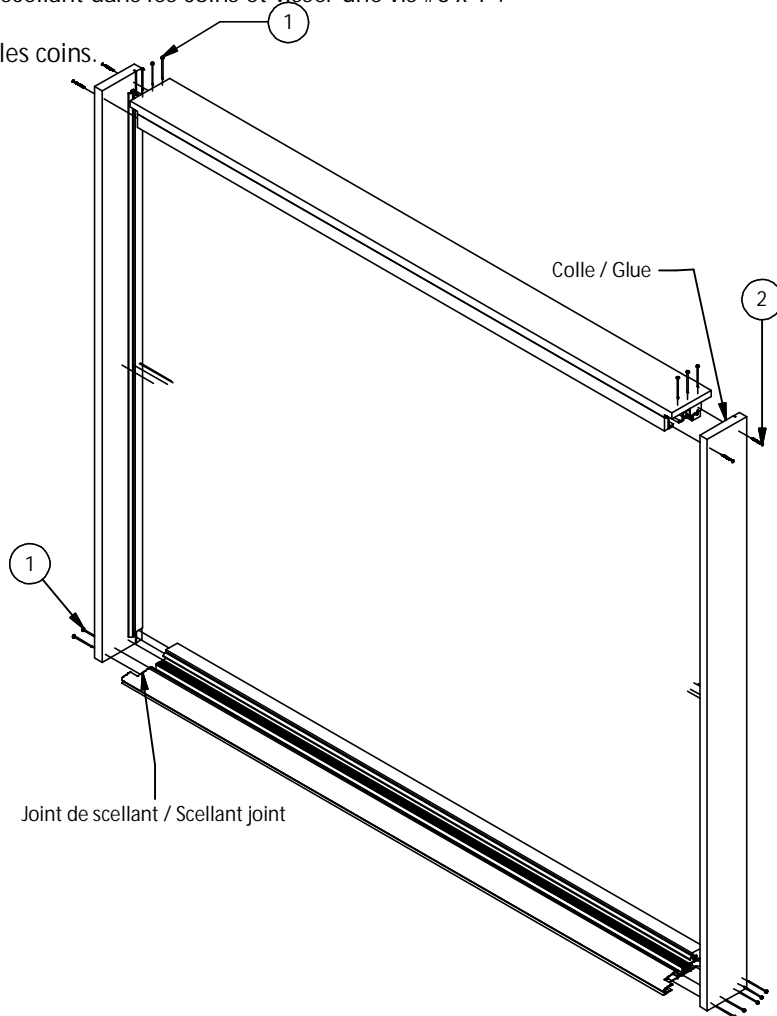
ANNEXE - B -

- 1 - Apply exterior grade glue at each corner before screwing them together (in the pre-drilled hole). Use #8 x 3" screw on the top of the head and on the side of jamb with the sill
- 2 - Use #6 x 2" on the side of the jamb and the head.
- 2.5 - If this Bi-fold door has cladding, apply the sealant in the corners then, use the #6 x 1" screws to tighten.
- 3 - Make a joint on the sill at each corners.

- 1 - Appliquer de la colle (pour application extérieure) dans les coins avant de les visser (avec les trous pré-perçés) . Utiliser des vis #8 x 3" pour le dessus de la tête ainsi que le côté du jambage se vissant dans le seuil.
- 2 - Utiliser des vis #6 x 2" pour visser le côté du jambage à la tête.
- 2.5 - Si ce produit est recouvert, appliquer le scellant dans les coins et visser une vis #6 x 1" .
- 3 - Faire un joint de scellant au seuil à la dans les coins.



Recouverte / Cladding



Projet: Assemblage Cadre / Frame assembly

Description: Cadre / Frame assembly

Dessiné par:

plbell

Créer le: 2014-06-23

Mise à jour: 2014-06-23

Numéro:

Instruction 014