



LES ENTREPRISES ALLIUM INC

# RAILING INSTALLATION

1. Attach railing sections to the posts to which the attachment bars were already installed in the plant (with #8 - 1/2" screws on each side).
2. Using a level, determine the height at which the other attachment bars will be installed. Screw 4 #8 - 1" screws into the post. Using #8 - 1/2" screws, screw the sections to the attachment bars on each side. (Fig.A)
3. The post bases should be 1 1/2" from the edge of the balcony. On a fiberglass balcony, use #14 - 1" and 1 3/4" screws and sealant (in the screw holes) to prevent water from seeping into the balcony. On a concrete balcony, first make 5/16" holes using a carbide-tip drill by inserting the drill into the holes at the base of the post. Insert a plastic plug for #14 screws in each hole and fasten the posts to the balcony using #14 - 1 3/4" screws (Fig.C). The upper part of the posts near the walls will be held in place with a corner plate, a #14 - 1" screw and a #14 - 1 3/4" screw (Fig. A) ensuring, with a level, that the post is level horizontally and vertically.
4. To install the railing on the stairs, mark the location of the attachment bar on the post already installed at the top of the stairs. Make sure it is level. Remove the attachment bar of the section and install it on the post at the position you have marked using 4 #8 - 1" screws. Reattach the section to the attachment bar on the post. Repeat these steps for the bottom post (which is always 2" longer) and screw it to the step.
5. Install the screw covers and the handrail using a rubber hammer. Make sure that the end bars that are longer than the section are correctly inserted between the two strips of the handrail and hammer sharply on it above the other bars (Fig.B).
6. Install the base covers and caps on all posts as well as the support covers (Fig.C et D).

HARDWARE PROVIDED		TOOL REQUIRED	
# 8 - 1/2" screws	corner plate	support	Drill 1/8" bit 5/16" bit with carbide tip 1/4" hex nut driver 3/8" hex nut driver Rubber hammer Level
# 8 - 1" screws		attachment bar	
# 14 - 1" screws		support cover	
# 14 - 1 3/4" screws		base cover	
plastic plugs			

