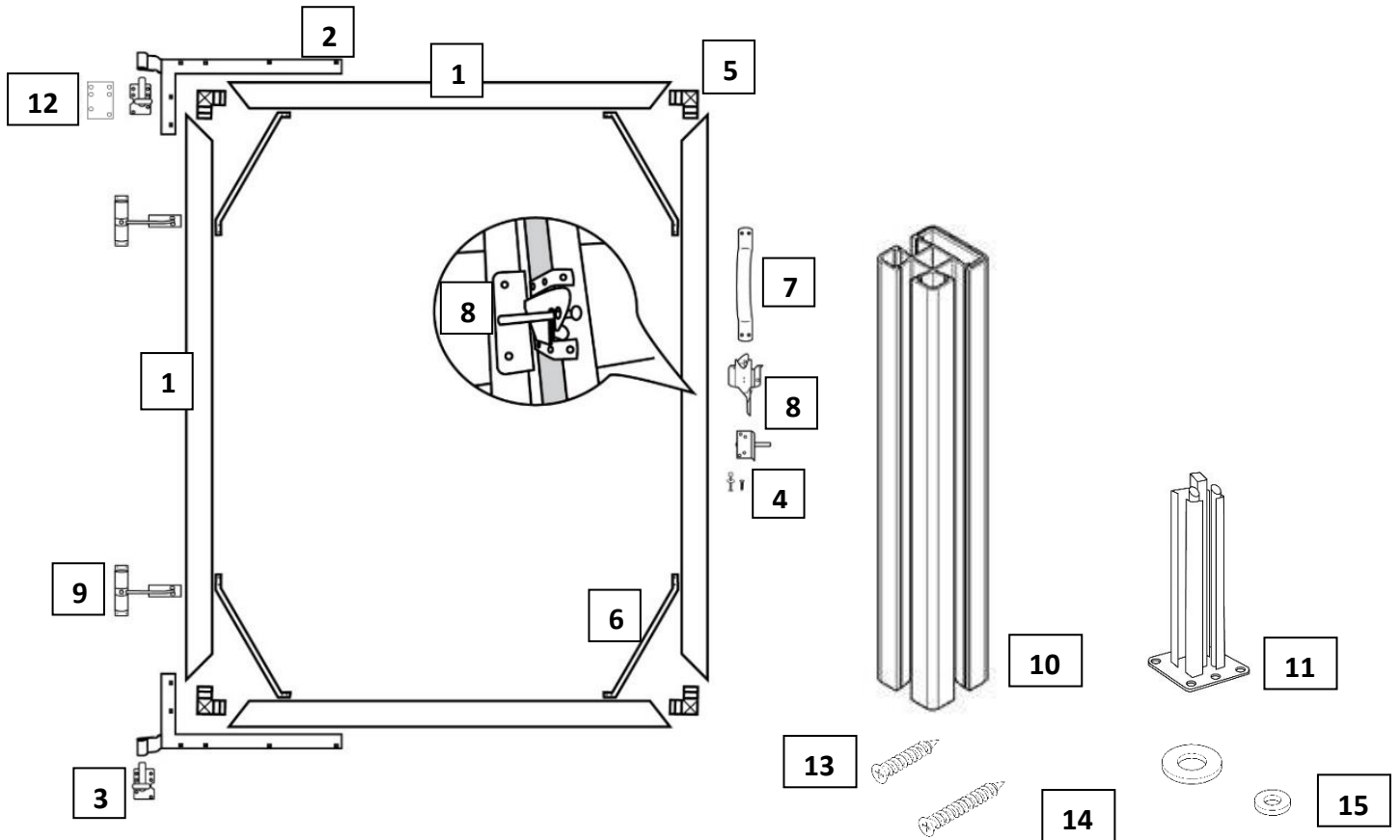


### GATE ASSEMBLY & INSTALLATION



### REQUIRED COMPONENTS

- |                                       |                           |   |
|---------------------------------------|---------------------------|---|
| 1. Gate Frame                         | 7. Door Handle            | 13. M4.2X25 Screws<br>(50 pieces)           |
| 2. Wings                              | 8. Lock                   | 14. M4.2X38 Screws<br>(16 pieces)           |
| 3. Hinges                             | 9. Self-Closing Hinges    | 15. Shims (2 black shims,<br>2 white shims) |
| 4. Bolts and Nuts<br>(12 pieces each) | 10. Heavy Duty Gate post  |   |
| 5. Corner Braces                      | 11. Heavy Duty Post Base* |   |
| 6. Corner Brackets                    | 12. Hinge Backing Plate*  |   |

\* Items required only for ground installation on an existing foundation.

### Step 1: Installing Heavy Duty Gate Post

- 1a. Determine if installing gate on existing foundation surface or in-Ground.
- 1b. Use 6' (190 cm) heavy duty gate post and heavy-duty post base for **GROUND** (existing foundation). Follow steps in fence guide for base and post installation.
- 1c. Use 8' (244 cm) heavy duty gate post for **IN-GROUND** (NO Existing foundation). Follow steps in fence guide for post installation. Let concrete dry completely before installing gate.

### Step 2: Gate Frame Assembly

- 2a. Layout the 4 gate frame parts and 4 corner braces on the ground forming the desired frame shape. Longer frame parts vertically on each side and shorter ones horizontally on top and bottom.
- 2b. Once shape of frame is correct, connect bottom frame and side frame pieces to bottom corner braces with M4.2X38 screws. Ensure that bottom left corner brace contains a hole for the screw of bottom wing attachment. Tap with rubber mallet as you go to ensure frame is connected securely and no gaps appear between parts. Corner braces will not be visible once frame is constructed. **DO NOT** connect top frame yet.
- 2c. Cut WPC board panels to size for gate frame. **Panels should be cut 2-3mm shorter than the width of the gate frame.** Slide and stack boards into gate frame down from top to bottom with tongue side facing up. Use rubber mallet and tap down on board at top to secure.
- 2d. Once boards are securely in place, connect top frame to remaining corner braces and sides of frame with M4.2X38 screws. Ensure that top left corner brace contains a hole for the screw of top wing attachment. Tap with Rubber mallet to secure.
- 2e. Place gate wings on left side of frame, one at top corner and one at bottom corner. Make sure the attachment hole for hinges is facing out. Use a power drill to screw wings in place with nuts and bolts. Side of frame with wings is the exterior of gate frame.
- 2f. Layout 4 frame brackets on interior of gate frame, one bracket for each corner of frame. Opposite the side of where wings are placed so that wings are on exterior of frame and brackets on interior. Secure brackets with M4.2X25 screws
- 2g. Ensure that curved edges of brackets meet the edges of the frame until flush. Secure with nuts and bolts in place.

### Step 3: Installing hinges & hanging gate frame (requires 2 people)

- 3a. Hold up completed gate frame flush to top of posts and mark hole locations for gate frames hinges. Add hinge backing plate between the top hinge only, and the post. Use power drill to screw hinges in place with M4.2X25 screws. Hinge backing plate is only required for use for 6ft heavy duty ground contact post and base installation and is not required for in-ground installation.
- 3b. Once hinges are secured, put the shim set on the hinges (note that the white shim should be under the black shim). Raise the gate frame up above top and bottom hinges so that you can set gate frame in place.

**Step 4: Attaching self-closing hinges**

4a. Before installing Self-closing hinges, screw in hinge arm with roller into hinge barrel.

4b. Place first self-closing hinge just below the top frame hinge on Heavy duty gate post. Use power drill to screw in place with M4.2X25 screws.

4c. Place second Self-closing hinge above bottom hinge. Use power drill to screw in place with M4.2X25 screws. Close gate.

For Ground contact application (Existing Foundation) place second hinge just above the Heavy-duty post base. Use power drill to screw in place with M4.2X25 screws. Close gate.

**Step 5: Attaching gate latch and handle**

5a. Attach the Latch striker bar to the gate frame inside on the swinging side of gate with M4.2X25 screws. Close gate.

5b. Attach the Latch catch to the post with M4.2X25 screws where post meets latch bar once gate is closed.

5c. Attach the Handle to the front gate frame, above the lock, with M4.2X25 screws.