

Seafold 40 V1.5 Collapsing Procedural Checklist

Before collapsing SeaFold container

- ☐ Personnel understand operating procedure and their responsibilities.
- ☐ Operating area is level and clear.
- ☐ Lifting equipment and lifting lines are in working order.
- ☐ Weather permits safe operation.
- ☐ Personnel briefed to follow all site safety procedures.
- ☐ Personal Protective Equipment (PPE) is used pursuant to site requirements.

Step 0: Ensure container is empty and free from damage

- ☐ Before the container can be collapsed it must be entirely empty.
- ☐ The container must have no major damage to components that could prevent operations.

Step 1: Release all interior latches

- ☐ **Warning:** Before releasing interior latches ensure all (4) external latches are fully engaged.

- 1.1: Open both rear doors fully (270 degrees) to clearly indicate there are personnel inside.
- 1.2: Starting at the front of the container and moving to the rear, release all (6 per side) interior latches.
- ☐ **Ensure all interior latches have the sliding lock engaged with retention tab on the latch base.**
- 1.3: Exit the container.
- ☐ 1.4: Verify that all personnel have exited the container and that the container is empty.
- ☐ 1.5: Close and lock the rear doors of the container.

Step 2: Lower Side-Wall A (No wheel tracks)

- ☐ **Warning:** Before releasing exterior latches ensure no personnel or equipment are in the fall zone of the side-wall.

- 2.1: Position side-wall lifting equipment at the center Side-Wall A.
- 2.2: Attach the side-wall lifting lines to Side-Wall A at labeled locations and attach to side-wall lifting equipment with 100-300mm of slack.
- 2.3: Release exterior latches and manually push the side-wall inwards to initiate the lowering.
- 2.4: Using the side-wall lifting equipment, lower the side-wall. During this process, the line of action of the lifting line should remain as close to perpendicular to the side-wall as possible.
- ☐ **Danger:** Before entering the side-wall fall zone to release rope ensure that the exterior latches of Side-Wall B are fully engaged.
- 2.5: Enter Side-Wall B fall zone and release rope from Side-Wall A lift points.

Step 3: Lower Side-Wall B (With wheel tracks)

- ☐ **Danger:** Ensure that all personnel have exited side-wall fall zone before proceeding.

- 3.1: Position side-wall lifting equipment in the center Side-Wall B.
- 3.2: Attach the side-wall lifting lines to Side-Wall B at labeled locations and attach to side-wall lifting equipment with 100-300mm of slack.
- 3.3: Release exterior latches and manually push the side-wall inwards to initiate the lowering.
- 3.4: Using the side-wall lifting equipment, lower the side-wall. During this process, the line of action of the lifting line should remain as close to perpendicular to the side-wall as possible.
- 3.5: Release rope from Side-Wall B lift points.

Step 4: Unlock all corner locks

- 4.1: Attach and secure lifting equipment to roof assembly.
- 4.2: Using the corner lock slide hammer, fully retract all 4 corner lock pins.
- ☐ 4.3: Place corner lock slide hammers in the dis-engaged position to ensure that corner lock pin stays fully retracted.

Step 5: Lower roof assembly and guide end-walls

- Reminder:** When lifting and lowering the roof assembly the motion should be straight up and straight down.

- 5.1: Using the attached lifting equipment, lift the roof assembly until the end-walls are clear of the base and able to swing inward.
- 5.2: Start lowering the roof assembly while 1 worker at each end guide the end-walls to swing inward and the wheels engage track.
- 5.3: Once the wheels have engaged the track and the end-walls are moving inwards the workers should stand clear of lowering assembly.
- 5.4: As the roof endplates approach the base, care must be taken by the lift operator to ensure that the roof and base engage properly. **The workers should help direct the lift driver to proper alignment.**

Step 6: Lock All Corner Locks

- ☐ **Warning:** Failure to ensure all 4 corner locks are fully engaged will damage container.
- 6.1: Using the slide hammer, fully engage and secure all 4 corner lock pins.
- ☐ 6.2: Ensure all 4 slide hammers are in the engaged and secured position.

Seafold 40 V1.5 Erecting Procedural Checklist

Before erecting SeaFold container

- ☐ Personnel understand operating procedure and their responsibilities.
- ☐ Operating area is level and clear.
- ☐ Lifting equipment and lifting lines are in working order.
- ☐ Weather permits safe operation.
- ☐ Personnel briefed to follow all site safety procedures.
- ☐ Personal Protective Equipment (PPE) is used pursuant to site requirements.

Step 1: Unlock all corner locks

- 1.1: Attach and secure lifting equipment to roof assembly.
- 1.2: Using the corner lock slide hammer, fully retract all 4 corner lock pins.
- ☐ 1.3: Place **all 4** corner lock slide hammers in the disengaged and secured position to ensure that corner lock pin stays retracted.

Step 2: Lift roof assembly & guide end-walls

- ☐ **Warning:** Attempting to lift the roof assembly without fully retracting all 4 corner locks will damage container.
- Reminder:** When lifting and lowering the roof assembly, the motion should be straight up and straight down.
- 2.1: Using the attached lifting equipment, lift the roof assembly.
- 2.2: As the end-walls approach vertical a worker at each end-wall should start guiding the end-walls before the wheels leave the track.
- 2.3: Stop lifting when the end-walls are clear of the base and able to swing outward
- 2.4: While 1 worker at each end holds the end-wall in the vertical position lower roof assembly into the base.
- 2.5: As the end-wall posts approach the base, care must be taken by the lift operator to ensure that the posts and base engage properly. **The workers should help direct the lift driver to proper alignment.**

Step 3: Lock all corner locks

- ☐ **Warning:** Failure to ensure all 4 corner locks are fully engaged will damage container.
- 3.1: Using the slide hammer, fully engage all 4 corner lock pins.
- ☐ 3.2: Ensure **all 4** slide hammers are in the engaged and secured position.
- 3.3: Remove the roof lifting equipment.
- ☐ 3.4: If you are using the attached twist-lock to lift the roof, remove the twist-lock and place into the storage boxes

Step 4: Lift Side-Wall B and secure external latches

- 4.1: Position side-wall lifting equipment at the center Side-Wall B.
- 4.2: Attach the side-wall lifting lines to Side-Wall B at labeled locations.
- 4.3: Using the side-wall lifting equipment, lift Side-Wall B. During this process, the line of action of the lifting line should remain as close to perpendicular to the side-wall as possible.
- 4.4: Once Side-Wall B is vertical, fully engage and secure the 2 exterior side-wall latches.
- ☐ 4.5: Before releasing lifting lines, manually push on the ends of the side-wall to ensure the latches are properly engaged
- 4.6: Release the lifting lines.

Step 5: Lift Side-Wall A & secure external latches

- ☐ **Warning:** Before entering the fall zone of Side-Wall B ensure that the exterior latches are fully engaged.
- 5.1: Position side-wall lifting equipment in the center Side-Wall A.
- 5.2: Attach the side-wall lifting lines to Side-Wall A at labeled locations.
- 5.3: Using the side-wall lifting equipment, lift Side-Wall A. During this process, the line of action of the lifting line should remain as close to perpendicular to the side-wall as possible.
- 5.4: Once Side-Wall A is vertical, fully engage and secure the 2 exterior side-wall latches.
- ☐ 5.5: Before releasing lifting lines, manually push on the ends of the side-wall to ensure the latches are properly engaged
- 5.6: Release the lifting lines.

Step 6: Secure all interior side-wall latches

- ☐ **Warning:** No personnel should enter the container before ensuring all 4 external latches are engaged.
- 6.1: Open both rear doors fully (270 degrees) to clearly indicate there are personnel inside.
- 6.2: Starting with Side-Wall A(Left), engage the interior latches starting from the ends and moving towards the center.
- 6.3: Engage the Side-Wall B(Right) interior latches starting from the ends and moving towards the center.
- ☐ 6.4: Ensure that all interior latches are fully engaged and locked.
- ☐ 6.5: Exit container then close and lock rear doors.