



For questions or additional information, contact Shelter Works at (800) 794-8037.

## TOOLS NEEDED

- ▶ Sealant (for sealant that matches your shelter, contact Shelter Works)
- ▶ Caulk gun
- ▶ Scraper, blade, or other removal tool
- ▶ Alcohol or acetone
- ▶ Painter's tape (optional)
- ▶ Cleaning rags
- ▶ Smoothing tool (optional)

## INSTRUCTIONS

### Why Caulk Maintenance Matters

Shelter Works fiberglass shelters use industrial-grade sealants engineered to remain permanently flexible and resist cold, rain, ozone, heat, and UV exposure. These sealants do not shrink and provide long-term protection for seams and penetrations.

Routine inspection ensures continued weatherproofing, protects internal equipment, and maintains long service life. Spring and Fall are ideal times to inspect. In the event you do need to replace the sealant, best adhesion and performance occurs between 40°F to 80°F, when the humidity is below 60%, and there is no rain in the forecast for at least 24 hours.

### INSPECTION GUIDELINES

WHAT TO INSPECT	WHAT TO LOOK FOR
<ul style="list-style-type: none"><li>▶ Wall seams</li><li>▶ Roof seams</li><li>▶ Items that protrude from or run through the shelter's wall(s), like - rain hoods, drip edges, air conditioners, vents, pipes, etc.</li></ul>	<ul style="list-style-type: none"><li>▶ Cracking or splitting</li><li>▶ Separation from the surface</li><li>▶ Gaps or voids</li><li>▶ Signs of wear or aging</li></ul>

*If any of these conditions are present, replace the caulk.*

### Surface Preparation

- 1. Remove Existing Caulk**  
Use a scraper or removal tool to fully remove old or damaged sealant.
- 2. Clean the Surface**  
Wipe the area with alcohol or acetone to remove dirt, oils, and residue. Allow the surface to dry completely.



## Application Steps

1. **Mask the Area** *(Recommended, not required)*
  - Apply painter's tape along both sides of the joint for clean lines
2. **Prepare the Tube**
  - Cut the nozzle at a **45° angle**
  - Start with a small opening; increase size as needed
3. **Apply the Sealant**
  - Working in 3-5 ft sections, apply using steady pressure
    1. Pull the gun along the joint (do not push)
  - **Smooth Immediately**  
Use a damp finger, rag, or tool to create a uniform bead
  - **Remove Tape While Wet**  
If you used it, remove painter's tape before the sealant skins over
  - **Clean Excess Material**  
If needed, use acetone or alcohol

## Curing Time

- **Tack-Free Time:** ~20 minutes
- **Full Cure:** 24 hours - Avoid disturbing the joint(s) during curing.

## Cleanup

- **Uncured Sealant:** Remove with alcohol or acetone
- **Tools and Surfaces:** Clean immediately after use

Following proper preparation and application methods ensures a durable, long-lasting seal that supports reliable operation of your critical field equipment. If you have any questions, contact Shelter Works at (800) 794-8037.