



MAXIMUS™

BURIAL VAULT

Step by Step Assembly
To create a protective Maximus Burial Vault



This booklet is a suggested guide for quick assembly
of the Maximus Burial Vault by Polyguard & Co.
Watch our YOUTUBE assembly video for additional tips.
<https://www.youtube.com/channel/UC8IBjPrzjaEablzy6tAHZfg>
Follow us on YouTube: Polyguard Burial Vaults

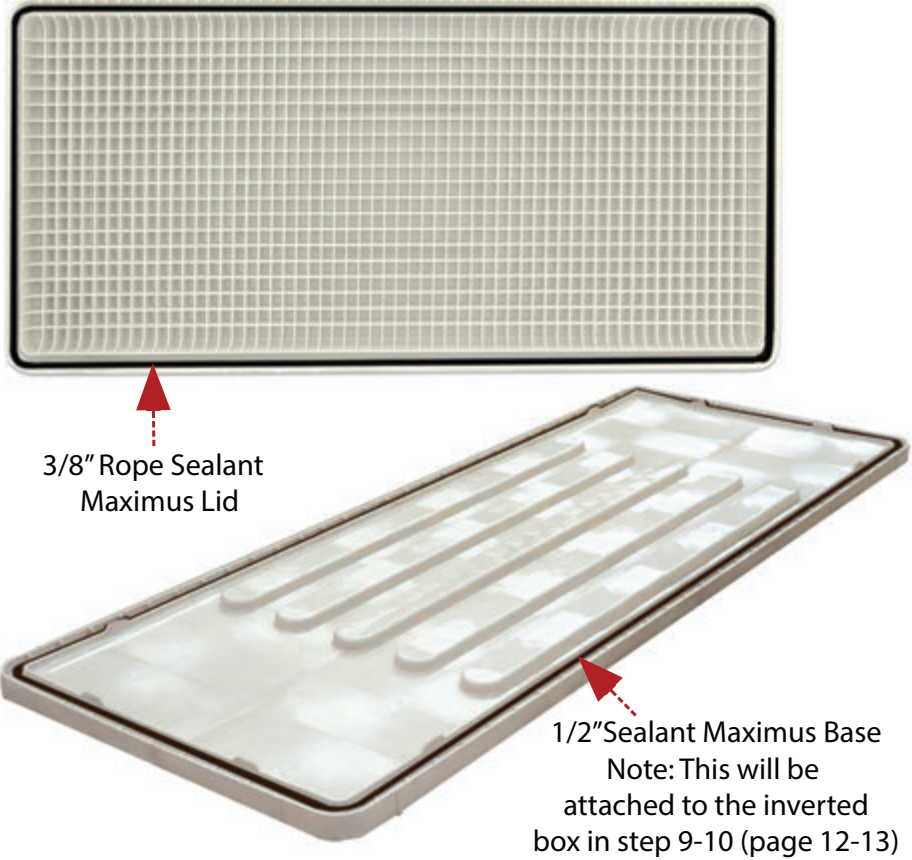
Introduction: Versatility

The Maximus Burial Vault is stacked for economical shipping, storage, and handling. Strong as concrete and light-weight, Maximus Burial Vaults provides versatility and peace of mind. Total weight: 220 lbs



Introduction: Lid & Base

The Maximus Burial Vault consists of 6 parts: base, 2 ends, 2 sides, and a lid. Each part that receives sealant has a flat contact surface. To create a protective vault, mastic sealant is indicated in areas where contact will take place as the vault is put together.

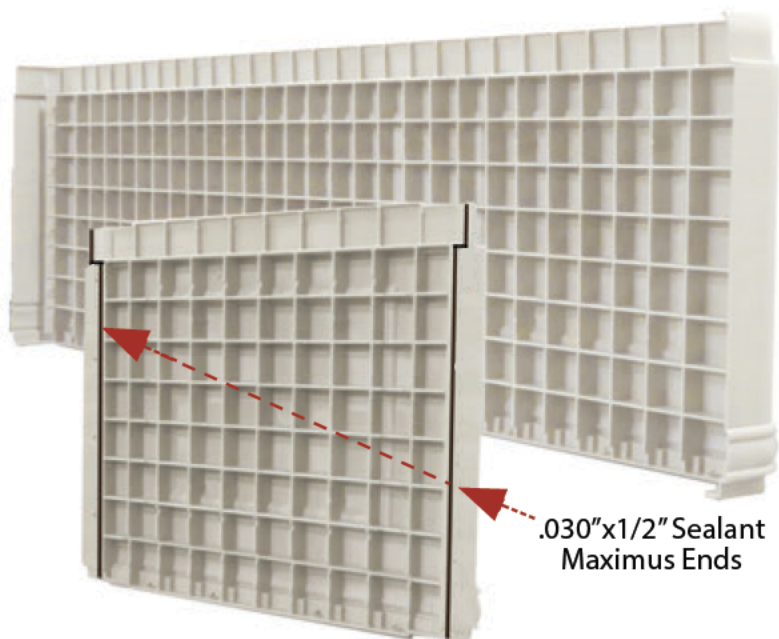
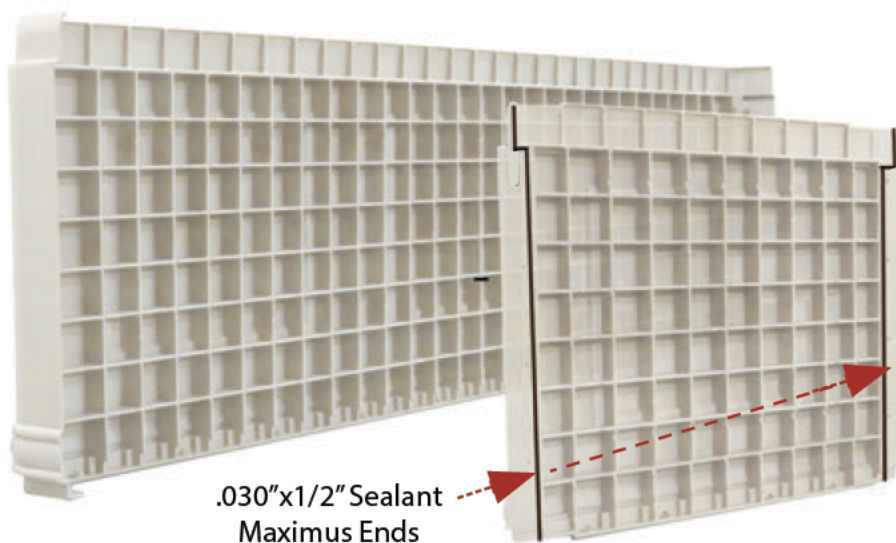


PLEASE NOTE

Each vault comes with 3 different types of mastic sealant. These three sealants are customized for each contact location to maximize utility. The mastic sealant for the base is actually placed on the bottom of the side panels in step 9-10 (page 12-13) and then the base is pushed down and drilled.

Introduction: Side Walls and End Panels

The Maximus Burial Vault consists of 6 parts: base, 2 ends, 2 sides, and a lid. This page shows the ends and side panels. These panels will be assembled first.



What You Needed For Assembly

The top row of tools are suggested for easy assembly. Nuts, bolts, screws and 3 types of sealant are supplied (GE Silicone optional)



Cordless Power Drill with 1/4" Socket



Channellocks



90° Ratchet Wrench with 1/4" Socket



Universal Standard Caulking Gun



Hex cap 1/4" x 1" Bolt (16)



1/4" T-Nut (16)



Hex cap 1/4" x 1" Lag Screw (28)



3/8" Rope Sealant Maximus Lid (20:1"ft)



1/2" Sealant Maximus Base (20:1"ft)



.030"x1/2" Sealant Maximus Ends has Clear Backing (11'ft)

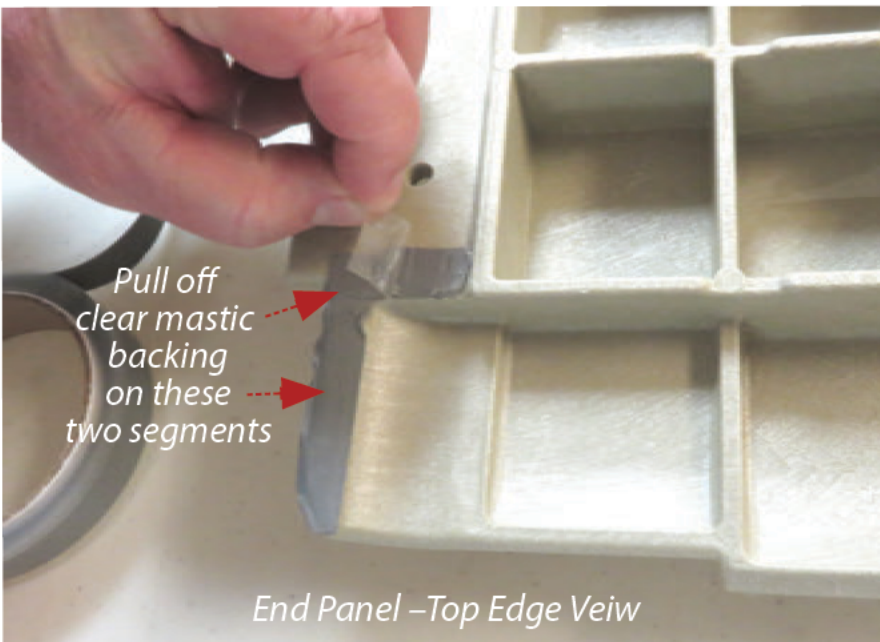
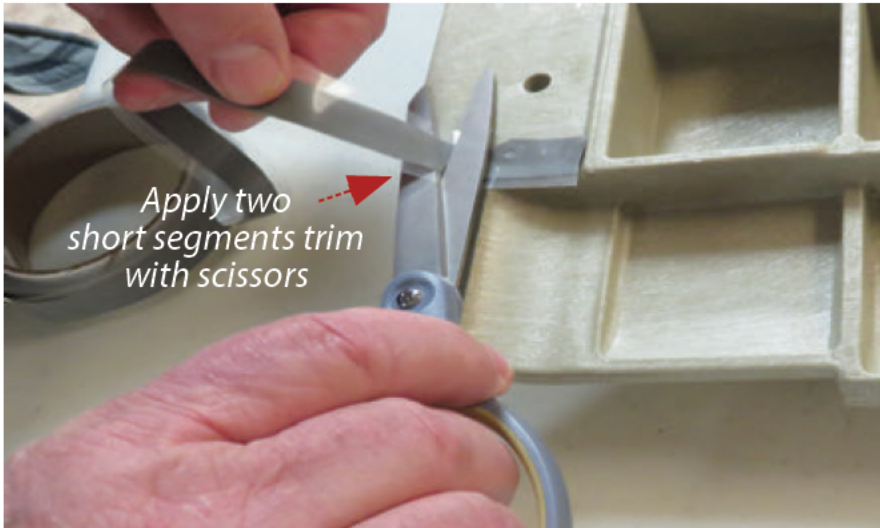


GE GE5000 Advanced Silicone (optional not provided)

3. Flip Over the End Panel With The Inside Up

On each side of each end panel, use .030"x1/2" mastic sealant with clear backing as shown. It is important to follow the next few steps closely for mastic application (see p4: black lines=mastic)

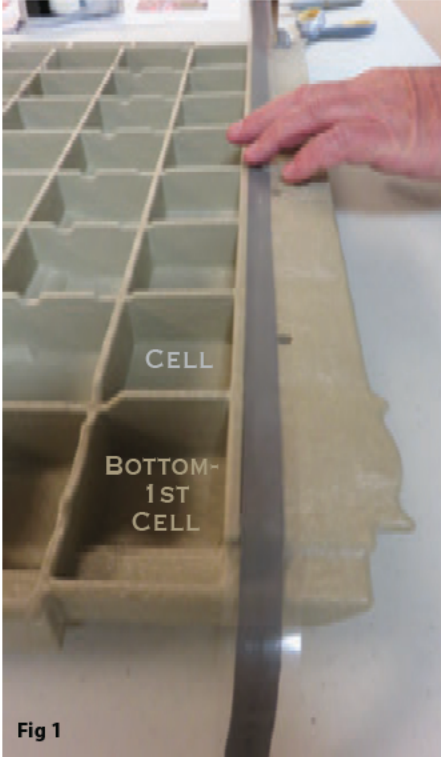
(a) Apply two short segments of .030x1/2" mastic sealant to the end panel as shown and trim to fit with scissors. Trim and pull the clear plastic backing off these two short mastic sealant segments.



4. Allow An Extra 2" of Mastic With Backing In Place, To Hang Over The Bottom Edge.

(a) Now lay a strip of .030x1/2" mastic sealant [with clear backing] along the full length of the panel overlapping the short segment at the top and extending to the length of the panel.

Note: (align mastic next to the panel 'cells' as shown in Fig1.



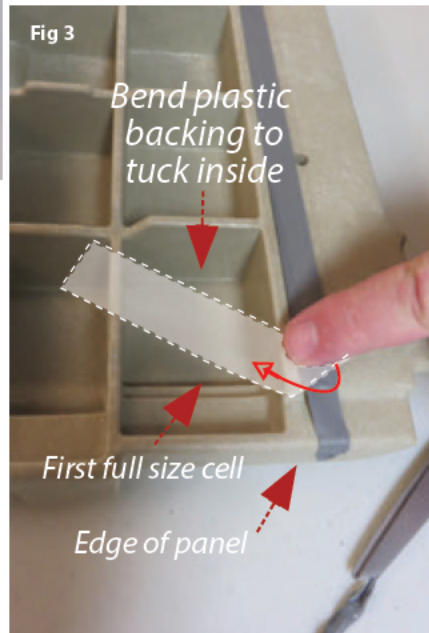
End Panel Bottom Edge View

(b) (bottom of end panel) Only pull up the backing to the bottom of the first cell, (Fig 2) and trim off the mastic so it can be lapped over the edge of the panel (Fig 3)

Then bend the 2" plastic backing inward so it can be pulled off from the inside corner in a later step. (p10)

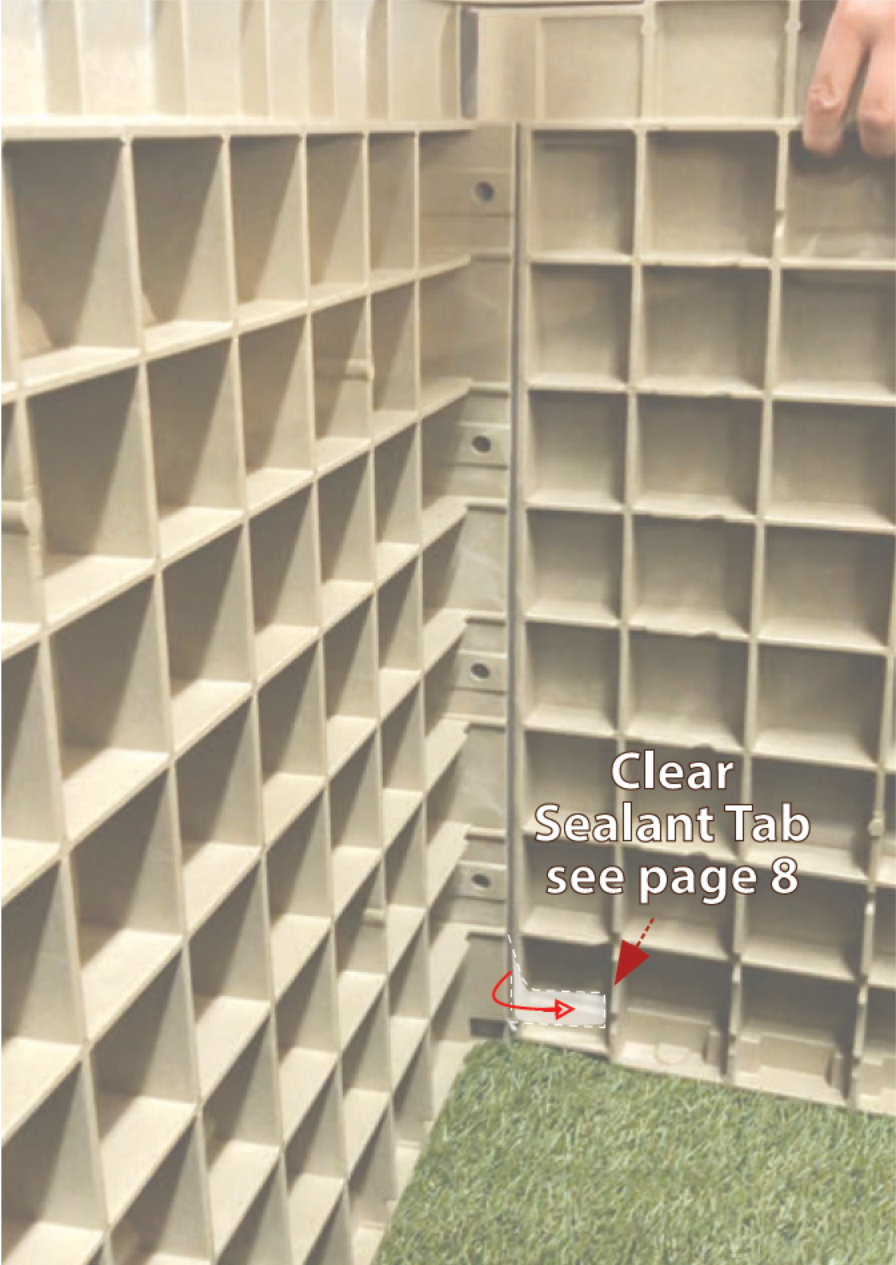


Fig 2



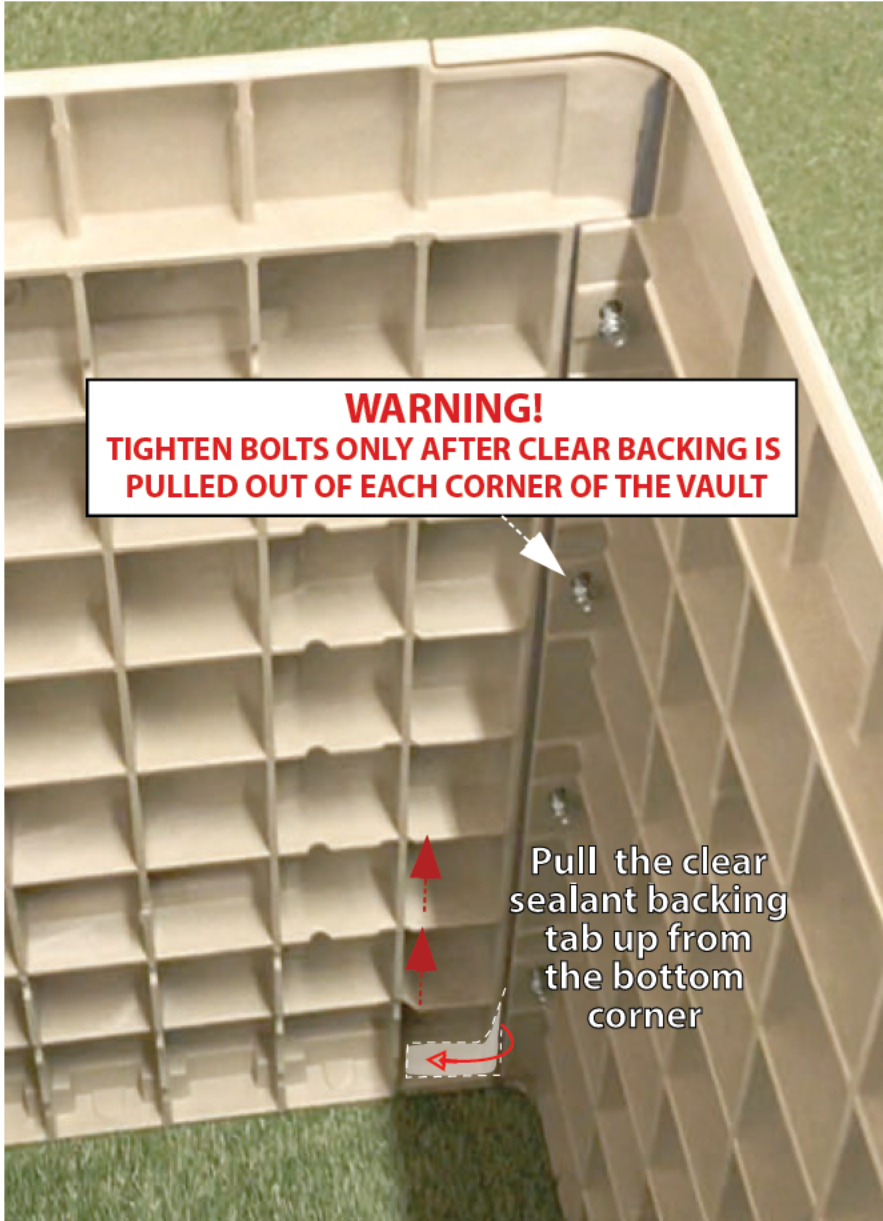
5. Set Each End Panel To A Single Side Panel

Set the end panels one-at-a-time into each side panel. Make sure you have followed step 4 (a) & (b) mastic instructions on previous page.



6. Add Bolts From The Inside

As you move around the vault, hand-turn bolts into the T-Nuts so that all bolts are secure in place. Once the bolts are in place, pull the clear backing off the mastic sealant, by pulling the tab you created in step 4, in an upward and outward motion. Pull carefully to avoid breaking the backing.



After pulling the plastic backing off the mastic in each corner, exposing the mastic sealant to the flat surfaces, corner T-Nuts are now ready to tighten.



8. Flip The Vault Bottom-Side-Up

After the bolts on each corner are tight, flip the vault so that the bottom-side is up.



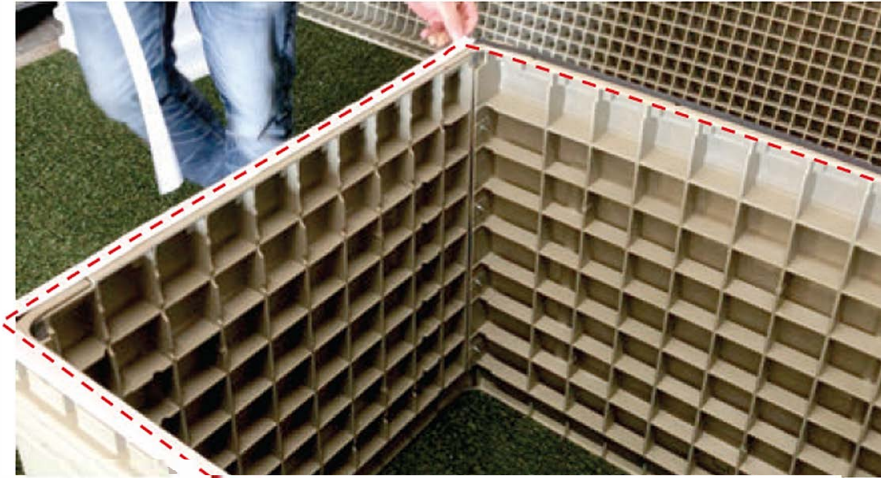
9. Add 1/2" Mastic Sealant

Start at one corner and place the 1/2" mastic sealant around the inverted unit's perimeter. This sealant has contact with the bottom of the side and end panels, as well as the base when placed (see page 13).



10. After Mastic Sealant Is In Place.

Once the sealant is in place, remove the paper backing. Now place the base on the bottom of the unit and apply pressure to ensure the mastic sealant comes in contact with each surface. The tongue and groove design of the sides and base will help facilitate a tight contact.



1/2" Mastic sealant tape is applied around the entire bottom side of the attached walls.

11. Place The Base On The Walls

Apply downward pressure to ensure the mastic sealant has engaged and is in contact with each sidewall surface.



12. Secure The Base With Hex 1/4" Lag-Screws

Lag screws are used at this point to secure the bottom to the sides. Each lag screw is placed in the existing holes, utilizing a self-tapping procedure to attach the base to the side walls. Care should be taken to snug each lag screw in place. Avoid excessive torque since you may strip the polymer rendering the tap weakened.



13. Now Turn The Vault Over With The Base Down

Flip the vault so the base is on the floor.



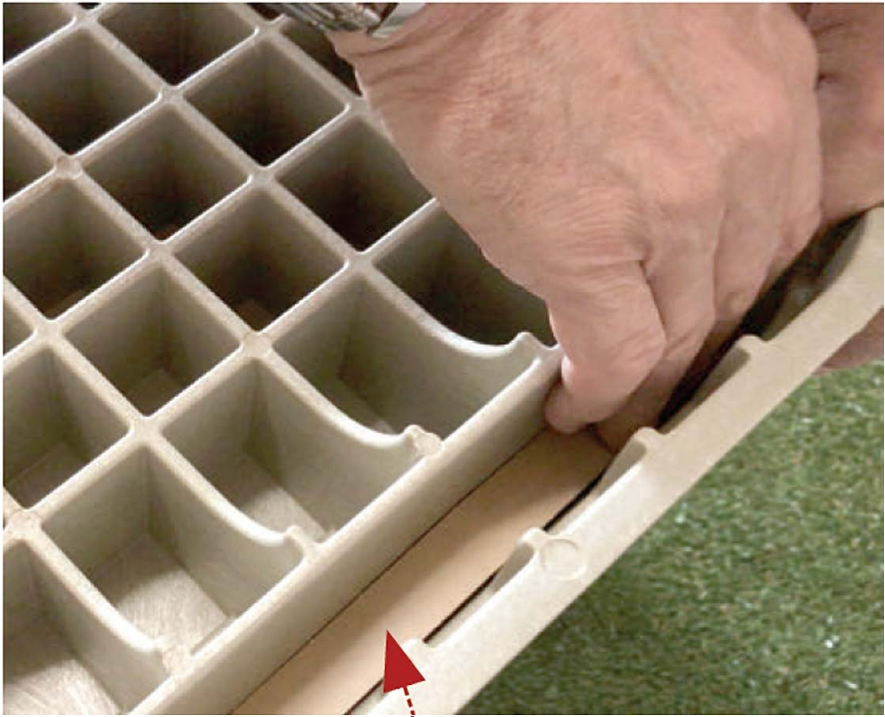
14. Place The Lid Top Down On The Vault

Place the lid off-set as shown, to apply the mastic sealant.



15. Place 3/8" Rope Sealant In Lid Groove

Place the sealant inside of the lid groove, and **DO NOT** pull off the paper backing until the casket is placed inside the vault.



Rope mastic sealant placed in vault lid groove

WARNING!

**DOT NOT PULL OFF THE PAPER BACKING UNTIL
THE VAULT IS READY FOR INTERMENT.
IN MANY CASES THE LID WILL BE DISPLAYED PRIOR
TO INERMENT AS SHOWN ON PAGE 18.**

16. The Final Step For Added Protection

The final step includes the use of GE Advanced Silicone. Use GM caulking on the end panel seams and base where the side panels come together. This product dries in 30 minutes; it will not shrink, crack-proof, freeze, and sun-proof, and has a 5X stronger adhesion than other silicon products. Use your finger to blend the seam and remove excess silicone.



17. After Assembly and Before Interment

Place the lid on the vault for transport to the cemetery. Only pull mastic backing off after casket has been placed inside.



18. Pre-interment Display

After gravesite service, the casket is lowered into the vault. The paper on the mastic backing previously placed inside the lid groove can now be removed. The lid is now ready to be placed on the vault and secured with downward pressure.





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- **Please call us toll free 800-654-1067 if you have questions regarding the Maximus Burial Vault assembly**
- Follow our instructional videos on YouTube:
Polyguard Burial Vaults

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