



Z1350 HYDRANT BOX SEALANT INSTRUCTIONS

The Zurn Z1350 Encased, Moderate Climate, Narrow Wall Hydrant is furnished as standard with a fabricated stainless steel enclosure box. The enclosure box has a hinged front cover with cylinder lock that latches shut. One of the main benefits of this fabricated enclosure box is the adjustability of the box to fit within a finished wall structure.

The enclosure box is comprised of multiple components;

- 1.) The rear body of the box allows for mounting of the hydrant valve.
- 2.) The front adjustable sleeve, which is attached to the front hinged cover, fits into the rear body of the box.
- 3.) Two hardware screws to tighten the front and rear components of the box together, after they are adjusted in place.

To assemble the box, the front adjustable sleeve is pushed into the rear box until it is bottoms out and cannot be inserted any further. The set screws are then threaded loosely through the two slots on the side walls of the sleeve and into the rear box from the inside of the sleeve. Once the set screws are assembled, the front sleeve can be pulled forward out of the rear box to meet the finished wall. The set screws are then tightened to secure the sleeve to the box. The adjustment slots in the sleeve allow for an adjustment range of $\frac{3}{4}$ ", so it is important that the box is set in proper location with respect to the finished wall surface.

For applications where the rear hydrant box is already installed and the finished wall is already in place, the adjustable sleeve should be inserted into the box until it rests up against the finished wall. The set screws can then be threaded through the adjustment slots from the inside of the sleeve and tightened down to secure the sleeve in place.

The adjustment sleeve is provided with a self-adhesive gasket material that lines the bottom and side walls of the sleeve. The gasket material is used for two purposes; to help assist in sealing of the assembled hydrant box, and to help keep a tight fit between the adjustable sleeve and the rear box component.

Although the gasket material does help in waterproofing the box, it is not intended to provide a 100% water-tight seal within the box. Secondary sealing of the box is necessary to eliminate leak paths within the box assembly. Once the box assembly is installed within the wall, adjusted to the necessary position, and the set screws are tightened down, the user should take the following steps to finish sealing the box assembly:

- Using a durable metal sealant, such as GE Silicone II Aluminum and Metal or equivalent, caulk the four back corners of the rear box.
- On the side walls, caulk around the set screw slots
- Caulk all seams between the adjustable sleeve and the rear box, including all metal edges of the adjustable sleeve, which are against the factory gasket material. Caulk all edges where the factory gasket meets with the rear box.

****Note:** Zurn Industries does not warrant the performance or life expectancy of the sealant. Please consult an appropriate sealant manufacturer for usage of recommended sealant product.

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