

How to seal the top of the distribution box



Article Overview

Seal the top of a distribution box by using a secure lid with twist-lock or gasket seals, optionally reinforced with sealant and screws for a watertight and tamper-resistant installation.

Step-by-Step Instructions

1. Prepare the Box and Lid Ensure the distribution box is properly installed and leveled in the trench. The top of the box should be clean and free of debris. If using a riser, attach it securely to the box with stainless steel screws to allow at-grade access for inspection and maintenance .
2. Select the Proper Seal Choose a non-corrosive, low-density polyethylene seal or gasket compatible with your box and pipe size. For standard 4" or 6" pipes, twist-lock seals or Polylok seals are commonly used . Ensure the seal matches the inlet/outlet configuration.
3. Apply Sealant (Optional for Increased Head or Smooth Pipes) For smooth-walled pipes or installations with higher water head, apply a bead of asphalt-based or compatible sealant where the seal lip contacts the box. This enhances watertightness .
4. Insert and Lock the Seal Place the seal into the box opening, then twist and lock it at the designated locking points. Polylok seals may require pushing the seal from inside the box and securing it with a nut from the outside. Ensure the seal is oriented correctly, especially for smaller pipe sizes .
5. Insert the Pipe Push the pipe at least one inch into the box through the seal. For corrugated pipes, compress the first few corrugations, insert the pipe, then allow it to expand to its original shape to ensure a tight fit .
6. Secure the Lid Place the lid on the box. For added safety and tamper resistance, fasten the lid with stainless ste...

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DISTRIBUTION BOXES

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Put the seal up to the hole from the inside of the box, and screw the nut onto the seal from the outside. Make sure the

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Around the perimeter of the outdoor box where it mounts to the siding or masonry, weather-rated sealant, such as a silicone or

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