

BE-STRUTRSB

Generic BE-STRUTRSB Strut Support Base Roof Support Instruction Manual

INTRODUCTION

This manual provides comprehensive instructions for the installation, use, and maintenance of the Generic BE-STRUTRSB Strut Support Base. This product is designed to provide stable support for pipes and other equipment on various roofing materials and flat surfaces. Please read these instructions carefully before installation and retain them for future reference.

SAFETY INFORMATION

- Always wear appropriate personal protective equipment (PPE) during installation, including gloves and eye protection.
- Ensure the installation surface is stable and capable of supporting the combined weight of the strut support base and the equipment it will hold.
- Consult local building codes and regulations for proper installation practices.
- Do not modify the product in any way, as this may compromise its structural integrity and void any implied warranties.
- Keep children and unauthorized personnel away from the installation area.

PACKAGE CONTENTS

The Generic BE-STRUTRSB Strut Support Base package includes:

- 1 x Strut Support Base with attached 13/16" - 14 Gauge Pre-galvanized Strut

SETUP AND INSTALLATION

1. **Prepare the Surface:** Ensure the roof or flat surface where the strut support base will be installed is clean, dry, and free from debris. The base is compatible with most rooftop materials.
2. **Position the Base:** Place the strut support base in the desired location. Consider the layout of the pipes or equipment to be supported to ensure proper alignment and weight distribution.
3. **Secure Equipment:** Utilize appropriate clamps or fasteners (not included) to secure pipes, conduits, or other equipment to the pre-attached 13/16" - 14 gauge pre-galvanized strut. Ensure all connections are tight and secure.

4. **Verify Stability:** After securing the equipment, visually inspect the installation to confirm stability. The base is designed for single pipe applications, providing robust support.



Figure 1: The Generic BE-STRUTRSB Strut Support Base, featuring the integrated 13/16" pre-galvanized strut channel.

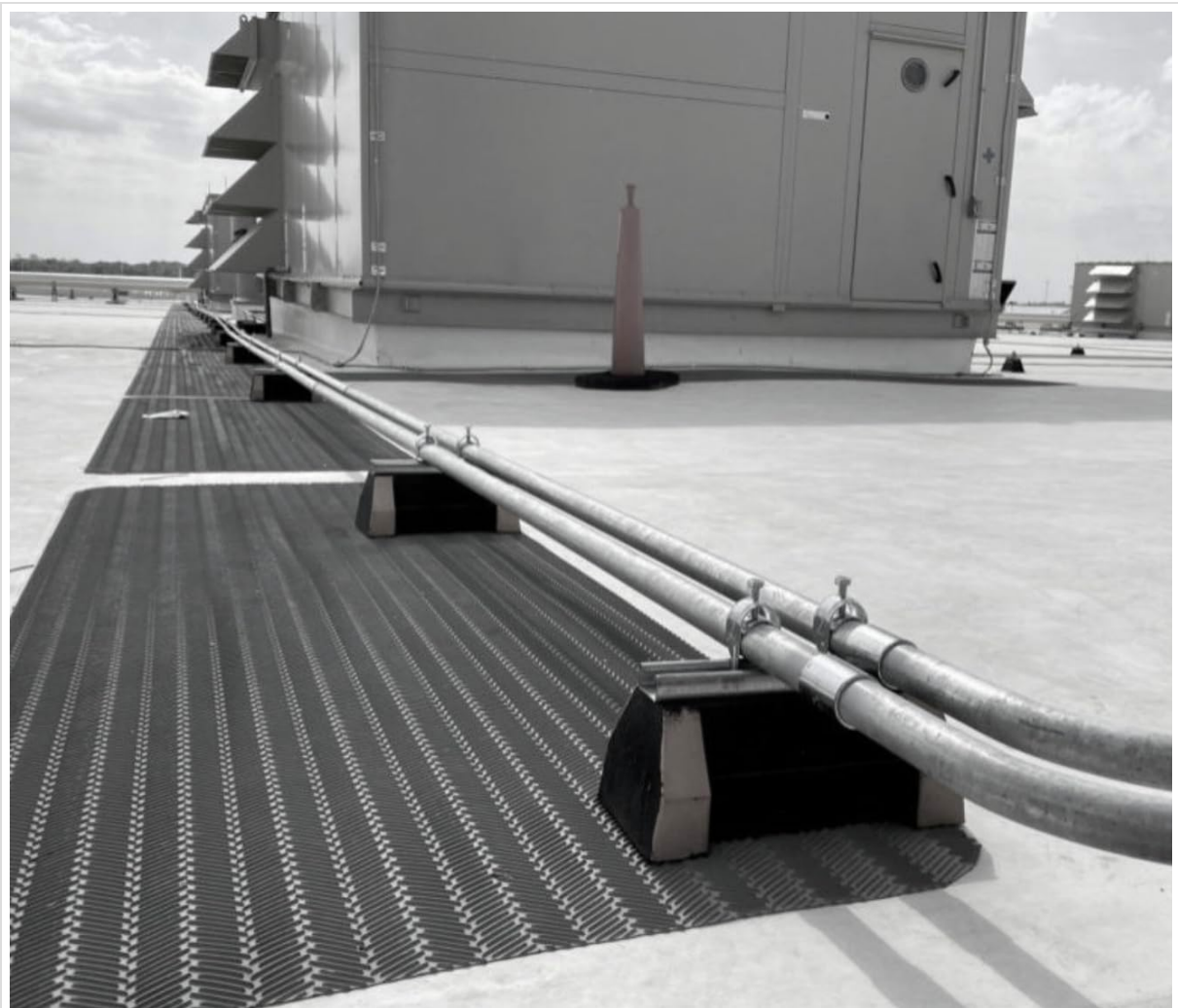


Figure 2: Multiple strut support bases installed on a rooftop, providing stable support for parallel pipes.

OPERATING PRINCIPLES

The Generic BE-STRUTRSB Strut Support Base functions as a static support system. Once installed and loaded, its primary role is to maintain the elevation and position of the supported pipes or equipment. The UV-resistant material ensures durability and longevity in outdoor environments.

MAINTENANCE

- **Periodic Inspection:** Regularly inspect the strut support bases and the supported equipment for any signs of wear, damage, or shifting.
- **Cleaning:** Keep the bases free from excessive dirt, debris, or standing water to prevent potential degradation of materials.
- **Fastener Check:** Periodically check all clamps and fasteners securing equipment to the strut for tightness. Re-tighten if necessary.
- **UV Resistance:** The material is UV resistant, but extreme prolonged exposure without cleaning may still benefit from occasional inspection for material integrity.

TROUBLESHOOTING

Issue: Base appears unstable or shifts.

Possible Cause: Uneven installation surface or improperly secured equipment.

Solution: Ensure the installation surface is level. Verify that all clamps and fasteners securing the equipment to the strut are tightened correctly. If the surface is uneven, consider shimming or preparing the surface for better stability.

Issue: Damage to the strut or base material.

Possible Cause: Impact damage, excessive load, or prolonged exposure to harsh conditions.

Solution: Inspect the extent of the damage. If structural integrity is compromised, replace the unit immediately to prevent failure of the supported system. Ensure the load does not exceed the design capacity of the support base.

SPECIFICATIONS

Feature	Detail
Model Number	BE-STRUTRSB
Brand	Generic
Mounting Type	Roof Mount
Product Dimensions (L x W x H)	6.6 x 5 x 4.75 inches
Material	Alloy Steel (Strut), UV Resistant Base Material
Finish Type	Powder Coated (Strut)
Included Components	13/16" - 14 Gauge Pre-galvanized Strut
Color	Black (Base)
UV Resistance	Outdoor Rated, UV Resistant

WARRANTY AND SUPPORT

For warranty information or technical support regarding the Generic BE-STRUTRSB Strut Support Base, please contact the manufacturer, Best Electrical, or your point of purchase. Retain your proof of purchase for any warranty claims.

Manufacturer: Best Electrical