



INSTALLATION INSTRUCTIONS

FOR

LADDERPORT TYPES 1 - 4

LadderTech, LLC
7081 Dan McGuire Drive · Brighton, Michigan 48116
Toll Free: 800-770-8851
Local: (248) 437-7100 · Fax: (248) 486-2600
www.ladderport.com
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LADDERPORT™* TYPE 1 - 4 SYSTEM INSTALLATION INSTRUCTIONS

All Models Meet
OSHA REGULATIONS
(STANDARDS - 29 CFR)
Ladders - 1926.1053 (b)(1)

LadderPort™ Type 1* – Standard Flush Mount



First choice in comfortable safety when the building has a flat, strong wall and a simple flashing detail. This model accommodates a fascia board to 6" below the top of the roof edge flashing.

Standard Powder Coated Brown or Safety Yellow



LadderPort™ Type 2* – Gutter Saver

Protect your gutters from the harm of an extension ladder. Use this model when a gutter up to 8" wide by 8" tall is present. This model must be attached to a strong wall.

Standard Powder Coated Brown or Safety Yellow



LadderPort™ Type 3* – Adjustable

Select this model when the wall has crown or decorative detail at the top flashing. Its telescoping lower attach points easily adjust & should be attached to a strong wall, such as masonry (block or brick), providing a complete stable unit. Drill bit & stainless steel hardware included for adjusting the telescoping lower attach points.

Standard Powder Coated Brown or Safety Yellow



LadderPort™ Type 4* – Pre Fab Metal Buildings

Fabricated to meet the requirements of pre-engineered metal buildings. The LadderPort Type 4 metal building model has adjustable attach points at both the bottom and the top for use where there is no easy method of attaching to the roofline. Bolting to a 3" X 3" angle frame that has been secured to the girt inside the building is recommended when installing this model.

Standard Powder Coated Brown or Safety Yellow



LadderDock

Use this model when the only solid attach point is a wood nailer or other solid base supporting the roof edge flashing. This model requires the ladder to extend above the roofline.

Standard Powder Coated Brown or Safety Yellow

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IMPORTANT: READ ALL SAFETY INSTRUCTIONS AND WARNINGS PRIOR TO BEGINNING INSTALLATION

WARNING:

- Always consult with a licensed architect or structural engineer for proper attachment to each building.
- Always follow all OSHA safety procedures for ladder use.
- Always check all building codes prior to performing any building modification including LadderPort™ installation.

OPTIONAL RECOMMENDED ITEMS:

- MOUNTING HARDWARE

Part # 9100	LadderPort Types 1 & 2 & 4
#	Description
4	18" long - 1/2" threaded rod
8	1/2" nuts
8	1/2" locking washers
8	1/2" flat washers
4	back plates

Part # 9300	LadderPort Types 3
#	Description
2	18" long - 1/2" threaded rod
4	1/2" nuts
4	1/2" locking washers
4	1/2" flat washers
2	back plates

Kits may contain spare hardware.

- Drill Kit for Use with Mounting Hardware

Part # 9500	
#	Description
1	Masonry drill bit 5/16" x 12"
1	Masonry drill bit 9/16" x 16"

- INSTRUCTIONAL WALL SIGN
- ROOF PAD(S) 36" x 48"

RECOMMENDED PROCEDURE FOR A TYPICAL LadderPort™ INSTALLATION:

Installers should review entire installation procedure BEFORE starting installation.

*Note: LadderPort Types 3 & 4 Include Assembly Kits for Mounting Adjustable Pieces. The Assembly Kit differs from the Mounting Hardware that is sold separately and is optional.



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LADDERPORT™* TYPE 1 & 2 SYSTEM INSTALLATION INSTRUCTIONS

LadderPort™ TYPE 1 AND 2

This installation procedure is intended for use when mounting **LadderPort™ Types 1-2** to a masonry type wall, including strong brick/block wall construction or poured concrete. *Follow a licensed architect or engineer's mounting recommendations for installation of LadderPort™ on all types of construction.*

1. Prior to starting installation, follow proper OSHA fall protection procedures.(i.e. Harness, lanyard, tie-off, etc.)
2. One (1) installer should hold the LadderPort™ in place while the 2nd installer marks the first (1) *upper* hole mounting location on the building wall.
3. Using the proper size drill (9/16"), drill a hole through the building wall at the marked location.
4. With the end of the 1/2" threaded rod facing out (cut end should be inside the building) install flat washer, lock washer and nut, making sure rod is extended far enough so 1/2" of threaded rod extends *beyond* the mounting nut outside.
5. Hold LadderPort™ in place and insert threaded rod with hardware through LadderPort™ and wall.
6. From the inside of the building place a back plate, washer, lock washer and nut on the threaded rod. Tighten finger tight.
7. Level the LadderPort™ and drill the remaining three (3) holes.
8. From the outside insert threaded rod into each of the remaining holes with the end facing out. Add all hardware to threaded rod and tighten only enough to flatten lock washers as excessive force may damage wall.
9. Make sure rod is extended far enough so 1/2" of threaded rod extends *beyond* the outdoor mounting nuts.
10. After installation of LadderPort™ is complete check for rigidity, which is critical for safety.

Note: It may be advisable to utilize the small mounting holes located on the top main center frame section of the LadderPort™ for additional fasteners into the wall top plate or fascia board. When utilizing these mounting holes proper sealant should be used to prevent any water penetration into the building.



Type 1



Type 2

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LADDERPORT™* TYPE 3 SYSTEM INSTALLATION INSTRUCTIONS



LadderPort™ TYPE 3

This installation procedure is intended for use when mounting LadderPort™ Type 3 to a masonry type wall, including strong brick/block wall construction or poured concrete. *Follow a licensed architect or engineer's mounting recommendations for installation of LadderPort™ on all types of construction.*

1. Prior to starting installation, follow proper OSHA fall protection procedures.(i.e. Harness, lanyard, tie-off, etc.)
2. Place joiner plate on top of parapet wall with 3" bend facing the inside of the parapet.
3. Hang the LadderPort™ on joiner plate. Using 9/32" drill, drill through joiner plate using existing holes on LadderPort™ as guides then drill four holes through 3" section of joiner plate and install one screw into the building through the top of the LadderPort™ base plate.
4. Cut and install the lower standoff legs so that the LadderPort™ is mounted vertically.
5. Drill hole in lower support using supplied drill from ASSEMBLY KIT, and bolt support in place with supplied bolts from ASSEMBLY KIT.
6. Mark location of mounting hole on building then remove LadderPort.
7. Using the proper size drill (9/16"), drill a hole through the building wall at the marked location.
8. Using the optional Mounting Hardware kit install the 1/2" threaded rod with the end of the rod facing out (cut end should be inside the building) install flat washer, lock washer, and nut making sure rod is extended far enough so 1/2" of threaded rod extends *beyond* the mounting nut outside.
9. Apply sealant to holes drilled into parapet wall and block wall.
10. Hold LadderPort™ in place and insert threaded rod with hardware through LadderPort™ and wall.
11. From the inside of the building place a back plate, washer, lock washer and nut on the threaded rod tighten finger tight.
12. Level the LadderPort™ and drill the remaining hole.
13. From the outside insert threaded rod into the remaining hole with the galvanized end facing out. Add all hardware to threaded rod and tighten only enough to flatten lock washers as excessive force may damage wall.
14. Make sure rod is extended far enough so 1/2" of threaded rod extends *beyond* the outdoor mounting nuts.
15. Install all screws in base plate attaching it to the top of the building.
16. After installation of LadderPort™ is complete check for rigidity, which is critical for safety.

Proper sealant should be used to prevent any water penetration into the building.

Included Assembly Kit for LadderPort Type 3

# of Items	Description of Items Included in Assembly Kit LadderPort Type 3	# of Items	Description of Items Included in Assembly Kit LadderPort Type 3
2	5/16" SS bolts with corresponding lock nuts	1	5/16" Drill Bit
14	1 1/2" screws (2 extra included)	1	9/32" Drill Bit
1	Joiner Plate (Diamond Plate with 3" Bend)		

Kits may contain spare hardware.

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LADDERPORT™* TYPE 4 SYSTEM INSTALLATION INSTRUCTIONS

LadderPort™ TYPE 4

This installation procedure is intended for use when mounting LadderPort™ Type 4 to a Pre-engineered Metal Building. Follow a licensed architect or engineer's mounting recommendations for installation of LadderPort™ on all types of construction. **NOTE: It is advisable to install angle reinforcement from girt to girt for additional support when installing on a metal building. Angle metal is not included.**

1. Prior to starting installation, follow proper OSHA fall protection procedures.(i.e. Harness, lanyard, tie-off, etc.)
2. One (1) installer should hold the LadderPort™ in place while the 2nd installer marks the first (1) *upper* hole mounting location on the building wall.
3. Cut and install standoffs so that the LadderPort™ is mounted vertically.
4. Drill hole in supports using *supplied drill* and bolt support in place with *supplied bolts* from *ASSEMBLY KIT*.
5. Using the proper size drill (9/16"), drill a hole through the building wall at the marked location.
6. Using the *optional* MOUNTING HARDWARE install the 1/2" threaded rod with the end of the rod facing out (cut end should be inside the building) install flat washer, lock washer, and nut making sure rod is extended far enough so 1/2" of threaded rod extends *beyond* the mounting nut outside.
7. Hold LadderPort™ in place and insert threaded rod with hardware through LadderPort™ and wall.
8. From the inside of the building place a back plate, washer, lock washer, and nut on the threaded rod tighten finger tight.
9. Level the LadderPort, drill the remaining three (3) holes, and install threaded rods as described above.
10. After installation of LadderPort™ is complete check for rigidity, which is critical for safety.

Note: It may be advisable to utilize the small mounting holes located on the top main center frame section of the LadderPort™ for additional fasteners into the wall, top plate, or fascia board. When utilizing these mounting holes proper sealant should be used to prevent any water penetration into the building.

Included Assembly Kit for LadderPort Type 4

# of Items	Description of Items Included in Assembly Kit LadderPort Type 4
4	5/16" SS Bolts with corresponding lock nuts
1	5/16 " Drill Bit

Kits may contain spare hardware.



Type 4

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LADDERPORT™* WALL SIGN SYSTEM INSTALLATION INSTRUCTIONS

Instructional Wall Sign Installation

(Optional) Purchase and installation of the sign is recommended to show proper use of your installed LadderPort.

1. Install the LadderPort™ Instructional Wall sign approximately 5' off the ground.
2. This sign can be mounted utilizing the hanging accessories included with the sign. (Four (4) wall anchors & four (4) 1" stainless steel fasteners)

Included Assembly Kit for Instructional Wall Sign

# of Items	Description of Items Included in Assembly Kit LadderPort Type 4
4	1" Stainless steel screws
4	Anchors

For Installation Questions or Additional Orders:
Call 800-770-8851

Monday – Friday / 8:00 AM to 5:00 PM EST or e-mail us at sales@ladderport.com.

LadderPort™ should not be used for anything other than its intended purposes. Always check state and local building codes prior to installation on any building.



WARRANTY AND RETURN POLICY

WARRANTY

LadderTech, LLC (hereinafter referred to as LadderTech) guarantees our products are free of defects in workmanship and material. Such warranty is in effect for one year from date of purchase. Warranty excludes minor defects in material coatings (i.e. galvanizing, powder coating and other like coatings).

In the unlikely event, a defective product is shipped LadderTech must be notified in writing immediately upon receipt of receiving the defective product. If notification of receipt of defective product is not received within 30 days of receipt of product, LadderTech reserves the right to void the warranty. If, in the sole opinion of LadderTech the product is determined to be defective, LadderTech's obligation is limited to replacement of the defective product with a like product of equal or greater value.

LadderTech products must not have been subject to accident; misuse, abuse or use contrary to the instructions provided in the instruction manuals or contrary to the reasonable intended use of the products. This warranty covers only defects arising from the workmanship, construction and material involved in the manufacturing of the product. This warranty does not cover defects arising from deterioration due to normal wear and tear, the use of the product in a manner other than as instructed in the installation manual or modification of product, design, improper installation, neglect, lack of routine maintenance or unauthorized repairs. LadderTech assumes no responsibility or has no control over nicks, cuts, scratches or any other normal wear and tear during any consumer's usage. Incidental, indirect, special, or consequential damages are excluded in this warranty. Any determination by LadderTech with respect to such matters shall be final.

LadderTech makes no other warranty, expressed or implied, to the merchantability, fitness for a particular purpose, design, sale, installation, or use, of our products; and shall not be liable for incidental or consequential damages, losses of or expenses, resulting from the use of our products. Many states and localities have codes and regulations governing sales, construction, installation, and/or use of products for certain purposes, which may vary from those in neighboring areas. While LadderTech attempts to assure that its products comply with such codes, it cannot guarantee compliance, and cannot be responsible for how the product is installed or used. Before purchase and use of a product, please review the product application, and national and local codes and regulations, to be sure that the product, installation, and use will comply with them.

LadderTech accepts no responsibility for actions caused by improper use of our products or for use other than its intended purpose. It is user's responsibility to inspect product for usability, stability, and complete routine inspections and maintenance on an ongoing basis. Although every effort has been made to use the longest lasting fittings and installation materials, as with all metal products, over time, screws, bolts, etc. corrode, loosen and rust and must be routinely inspected and maintained, which includes but is not limited to tightening, repair or replacement as necessary.

EXCEPT TO THE EXTENT PROHIBITED BY APPLICABLE LAW, NO OTHER WARRANTIES OR CONDITIONS, WHETHER EXPRESS OR IMPLIED, WRITTEN OR ORAL, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, SHALL APPLY TO LadderTech PRODUCTS; UNDER NO CIRCUMSTANCES SHALL LadderTech, LLC BE LIABLE FOR SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES SUSTAINED IN CONNECTION WITH OUR PRODUCTS AND LadderTech, LLC NEITHER ASSUMES NOR AUTHORIZES ANY REPRESENTATIVE OR OTHER PERSON TO ASSUME FOR IT ANY OBLIGATION OR LIABILITY OTHER THAN SUCH AS IS EXPRESSLY SET FORTH HEREIN. THIS WARRANTY GIVES A PURCHASER OF LadderTech, LLC PRODUCTS SPECIFIC LEGAL RIGHTS, WHICH MAY VARY FROM PROVINCE TO PROVINCE, AND STATE TO STATE.

RETURNS

Upon inspection, returns that are deemed resalable are subject to a 25% restocking fee. No returns accepted on used, special order or custom built items. Returns must be made within 30 days of INVOICE date to be eligible for any refund. No credit will be given for returns that are determined not to be resalable. Any determination by LadderTech, LLC with respect to such matters shall be final. Buyer is responsible for *all* freight charges.

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