

Important Procedures for Proper Application and Service Life

- All surfaces must be flat, smooth, clean, dry, oil free and at minimum recommended surface temperature (50°F) before applying product.
- Testing of adhesion to the surface must be done prior to installation.
- Remove any loose residue from surface. (Recommended use of a primer/sealer.)
- Rough or porous surfaces must be primed.
- Floor polish and/or wax must be removed from floor prior to application.
- Remove chipped, cracked or peeled paint and repair or replace any broken or damaged surface prior to application.
- Seal porous surfaces, fill in cracks and repair to a smooth finish. (Recommended use of a primer/sealer.)
- Treated or untreated wood must be painted prior to application of pressure sensitive tape products.
- Rubber hand rollers must be used to assure a firm bond when applying all pressure sensitive tape materials.
- Pressure sensitive tapes can be applied on most painted surfaces that are in good condition. The tape materials will only adhere to the underlying surface as well as the paint base. Painted surfaces must be thoroughly dry before application of pressure sensitive tape materials. Freshly painted surfaces need 7-14 days for paint to fully cure prior to installation of Glo Brite® tapes.
- DO NOT apply pressure sensitive tape materials on surfaces with constant water contact or moisture seepage.
- DO NOT apply pressure sensitive tape materials over grouting. Also, avoid cracks in concrete and breaks in all surfaces.
- DO NOT use Glo Brite® products in dark or dimly lit areas. Photoluminescent materials require exposure to light in order to perform properly. Test light levels and ensure product face is exposed to the minimum required amount at all times.
- DO NOT apply to surfaces that have a radius, curves or bends. Glo Brite® products have limited conformability. Testing for long term compatibility should be done prior to any installation.
- Store product in its original carton preferably at 72°F and 50% relative humidity.
- It is recommended to use product within 1 year of shipment from manufacturer.
- Gap interruptions in the luminous segments not to exceed 4" (102mm)

The mounting height of floor proximity path markers is to be in accordance with local and national codes but is not to exceed 18" above finished floor height. The mounting height of floor identification sign is to be in accordance with local and national codes.

Application Instructions

Application Instructions #1— Peel and Stick

- 1) With clean, dry hands peel protective liner back about 2" from one end and position piece on surface. Continue to remove liner. Press product firmly in place as liner is removed.
- 2) For small pieces: Peel liner off piece. Holding piece by its edges, curve it gently with the adhesive side out. Align the middle of the piece with the middle of the target surface and press down.
- 3) Finally, press piece into firm contact with surface starting in the middle and working out towards the edges.

• Pipe Marking / Hand Rail Solutions

Here are some solutions for installing our tape to pipes:

- A) **Rough Surfaces** such as cast pipes or bumpy steel, use a file to take off some of the rough edges, then clean well and use an adhesive primer. If needed use our Welmount foam tape on the pipe first, then apply the stripe tape onto the foam tape.
- B) **Flagging** caused by the tape flattening out and coming off the pipe along the vertical edges. Use our Welmount foam tape first on a properly prepared surface and then apply the stripe tape on to the foam tape.
- C) **Hot Pipes** when occasionally you may find a hot pipe that needs marking, apply our stripe tape to a strip of aluminum and affix to the pipe with mechanical means such as pull ties or metal hose clamps. If extreme heat is involved use a spacer between the aluminum strip and the pipe.

IMPORTANT: Minimize touching adhesive with fingers.

Application Instructions #2—Foam Tape

- Die Cut Pieces
 - 1) With clean, dry hands remove piece from pad and apply to surface or product.
 - 2) Remove release liner from applied die cut piece.
 - 3) Align product and press into firm contact with surface starting in the middle and working out towards the edges.
- Rolls
 - 1) With clean, dry hands unroll about 2" and position on surface or product. While pressing firmly in place continue to unroll.
 - 2) Remove release liner from applied piece.
 - 3) Align product and firmly press into contact with surface.

IMPORTANT: Check with manufacturer or visit www.globritesystem.com for latest revision of instructions.

Application Instructions #2—Continued

- Products with Foam Tape Pre-applied
 - 1) With clean, dry hands peel protective liner back about 2" from one end and position piece on surface. Continue to remove liner. Press firmly in place as liner is removed.
 - 2) For small pieces: Peel liner off piece. Holding piece by its edges, curve it gently with the adhesive side out. Align the middle of the piece with the middle of the target surface and press down.
 - 3) Finally, press piece into firm contact with surface starting in the middle and working out towards the edges.

IMPORTANT: Minimize touching adhesive with fingers.

Application Instructions

Application Instructions #3—Mechanically Fasten

- 1) Snap a line on the wall to mark where the top of the extrusion will be located.
- 2) Hold the extrusion to the snapped line and mark the studs or spots you will be drilling the holes for your mounting hardware. Be sure to mark both the wall and extrusion so they are in alignment. Then, drill your holes. If you are using wall anchors tap them in at this time.
- 3) Secure the extrusion to the wall following your snapped line.
- 4) Apply the tape, per application instruction #1, in the recessed area of the extrusion.

It may be easier to secure all of the extrusions to the wall butting one to another before applying the tape.

Application Instructions #4—Construction Adhesive

- 1) The recommended construction adhesive is Loctite® 8X. This product is available at most industrial supply companies.
- 2) All surfaces must be smooth, clean, dry, oil-free and at a minimum recommended surface temperature (50 degrees F) before applying product. Do not apply to damp or wet surfaces.
- 3) Using a caulking gun apply a 1/4" bead of Loctite® 8X to the entire back side of the Glo Brite® product you are applying.*
- 4) Turn the Glo Brite® product over and push down into place.
- 5) Utilize a plastic squeegee or rubber roller going over the surface to make sure the Glo Brite® product is securely in place.
- 6) If oozing occurs remove the excess adhesive by using latex gloves and removing the excess with your fingers.
- 7) Allow at least (4) hours before walking on applied product. This product fully cures in 24 hours.

* A 10 oz. cartridge of Loctite® covers approximately 30 Linear Feet.

Due to the variety of factors that can affect the use and performance of this product, most of which are uniquely within the user's knowledge and control, it is essential that the user (a) determines whether or not this product is fit for the desired purpose, (b) suitable for user's method of application, (c) adequately maintained and (d) is replaced at the end of useful life of this product such as the type and preparation of the surface as well as the conditions of use and extent of expose. The above instructions are based upon typical conditions and is believed to be reliable; however due to the wide variety of intervening factors, Jessup Manufacturing Company does not warrant that any particular results will necessarily be obtained. More over, due to the variety of surfaces, there may be time when the user must perform additional steps to properly prepare the surface prior to application or perform additional maintenance procedures throughout the products useful lifetime. All details concerning product specification and terms of sale are available from Jessup Manufacturing Company.

Maintenance Instructions

To maintain product effectiveness, the application must be inspected regularly. The Glo Brite® materials should be kept free of dirt and other residue that might impair functionality. Product should be inspected on a monthly basis and cleaned per procedures as needed.

- Glo Brite® Flexible and Rigid:
 - 1) Under normal conditions, simply wiping the Glo Brite® material with a damp cloth will remove any dust or residue
 - 2) Heavily soiled areas may require the use of general purpose household cleaner / degreaser* and a soft cloth, followed by a wipe with a damp cloth.
 - 3) If soils cannot be removed, the Glo Brite® product must be replaced.

- To remove and replace worn materials:
 - 1) Start by pulling up old material. Use of a heat gun may assist in this process.
 - 2) After removal of old material, use a citrus based industrial cleaner or equivalent to soften adhesive residue and allow scrapping of surface in preparation for product replacement.

* Such as Formula 409®. Follow manufacturer's instructions for use and safety precautions. Test cleaner on a small area of the Glo Brite® to ensure compatibility of products.

Components suitable for stair nosings installation:

7800-Nosing-X / 7800-Tread-X
7650-AS1-X / 7760-AS1-X

Egress Components:
7760-1-Roll / 7760-DH
7760-AS1-1 / 7760-STP-AS1-1
7812-X

7550-X / 7650-X Glo Brite®
50R-X / 50F-X Glo Brite®



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The Glo Brite® System Recommended Application Instructions

IMPORTANT: Completely read and understand all application instructions prior to installing any of the Glo Brite® System Components.

Product Family	Application Method *			
	1	2	3	4
Glo Brite® Flexible Film	X			X
Glo Brite® Rigid		X	X	X
Glo Brite® Egress Pathway Strips		X	X	X
Glo Brite® Aluminum Stair Treads			X	X

Listed for LED, Fluorescent, Metal Halide, Mercury Vapor light activation.

- *Application Methods
1) Peel and Stick—Instructions Page 3
2) Foam Tape—Instructions Page 3
3) Mechanically Fasten—Instructions Page 4
4) Construction Adhesive—Instructions Page 4



There may be additional application methods for the Glo Brite® product lines, however it is the sole responsibility of the user / installer to test compatibility and determine its suitability for the intended application.

Items must be charged for a minimum of 60 min to become fully operational. External illumination source must be reliable and supplied by a circuit not controlled by automatic timer or sensor. Accessible to authorized personnel only. A minimum of 1 FC must be present on the sign face at time of installation and at all time of building occupancy. Periodic inspection and maintenance is required. Warning to not use the system where ambient light is less than the specified minimum.

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