



Jalite Threshold and Nosing Leading Edge Markings

Conditions of Use for Jalite Leading Edge Markings

Jalite threshold/nosings and their integrated rigid PVC leading edge markings are intended to be installed in environments with a charging source of light. The luminance performance of the Jalite material will be affected by the type of light, amount of light, and duration of the light source that charges it. In order to properly charge, the light cannot be blocked from reaching the surface of the Jalite product so the Jalite products should be kept clean. Jalite products should NOT be subjected to harsh cleaning solutions or mechanical equipment; they should be cleaned by hand with a soft cloth and a mild rinseless cleaner, and immediately dried. Jalite stair leading edge markings should be installed in environments that have a relatively constant temperature between 40°F–85°F and should not be subjected to continuous immersion in water for more than 24 hours.

Products installed in stairwells shall be installed in stairwells intended for emergency evacuation only (i.e. stairwells that are not used as transit routes or main traffic routes).

For New York City installations, products shall be installed in locations according to the NYC Building Code RS 6–1.

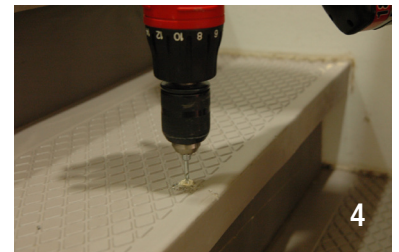


Installation Instructions

Jalite stair leading edge markings needs to be installed carefully onto flat, smooth, clean surfaces. Both the Jalite threshold and nosings are meant to be screwed and adhered with a silicon adhesive in order to assist in achieving a permanent, safe installation.

Note: For NYC RS 6–1 compliance for existing buildings, the threshold should be installed so the photoluminescent edge is within 1" of the stair's leading edge. For buildings approved after Jan. 1, 2005, the threshold should be installed so that its photoluminescent portion is within 1/2" of the step's leading edge.

Note: For NYC RS 6–1 compliance in existing buildings, both nosings and thresholds may be installed to within 2" from the sides of the steps. For buildings approved after Jan. 1, 2005, the nosing/threshold must go across the entire length of the step.



Step 1. Remove all loose paint and debris on the step where the product will be installed. Thoroughly clean the surface with whatever means are necessary to achieve a clean surface. Then wipe the surface with a clean cloth and denatured alcohol and allow it to completely dry.

Step 2. Correctly position the threshold or nosing (see the RS 6–1 notes above). For NYC compliance, thresholds, must be installed so their photoluminescent component is within 1" of the step's leading edge for new buildings, and within 1/2" for buildings approved after January 1, 2005.

Step 3. Mark the holes with a pencil. Always use the outer most holes and the middle hole. If the nosing is longer than 40", additional holes are provided for our use. Jalite recommends securing the threshold/nosing every 10–12".



Step 4. Drill the holes to a full 1–1/4" depth. Remove all dust from holes.

Step 5. Pound in the plastic anchors. It is important that the anchors go in to their full depth. If it doesn't go in completely, use a pair of pliers and remove the anchor and redrill the hole repeating step 3 and insert a new anchor.



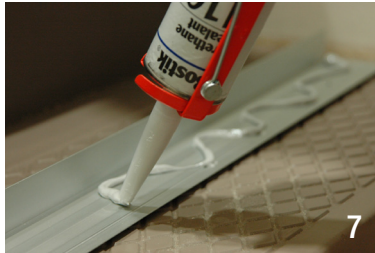
Step 6. Do a final wipe down of the step with alcohol and a clean rag.



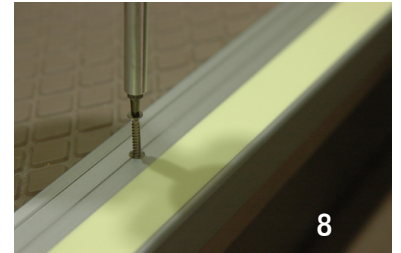
Jalite Threshold and Nosing Leading Edge Markings (cont.)

Installation Instructions (Continued)

Step 7. Apply the recommended Bostik 1100 Urethane Sealer adhesive to the back of the threshold/nosing.



Step 8. Using the provide screws, secure the screws into the properly aligned threshold/nosing over the anchors.



Step 9. Make sure the screws are completely flush with the surface of the threshold/nosing.



Step 10. Using a clean rag and alcohol, clean the aluminum channel containing the screws



Step 11. Peel the protective backing from the grip tape and align the grip tape into the channel.



Step 12. Press the grip tape firmly into the channel.



Step 13. Cut the grip tape at the end.



Step 14. Using a roller, to press down the grip tape firmly across the entire length of the threshold/nosing.





Jalite AAA Rigid PVC Products- Technical Data

Test Specifications of Jalite AAA Rigid PVC Material

Note that the Jalite AAA Rigid PVC warranted specifications listed below ensure that the product's physical characteristics will meet the New York City Building Code's RS 6-1 Standard during the warranty period.

Luminance Performance (Brightness Rating):

Test Standard: ISO 17398:2004, Warranted Brightness Rating
(2 foot candle 2 hour 4000-4200K charging light source): 10 minutes:
30mcd, 60 minutes: 7mcd, 90 minutes: 5mcd (Lab/Test Report: Intertek
Testing Services NA, Inc./ Project No. 3077455- 001, June 2, 2005)

Washability:

Meets ASTM D 4828-1994 (2003) a rating of 10 for all
6 types of soil and stains (Lab/Test Report: Professional Testing Inc./ No.:
095155 - 4/20/2005)

Toxicity:

Bombardier SMP 800-C Toxic Gas Generation - Does not exceed critical
concentration values (Lab/Test Report: The Govmark Organization, Inc. /
Project No.: 2-56721-0 - 4/26/2005)

Radioactivity:

ASTM D 3648-2004 -Found to be non-radioactive (all Jalite products are non-
radioactive) (Lab/Test Report: California Institute of Electronics and Materials
Science / Project No.: 850840592 - 4/28/2005)

Flame Spread:

ASTM E 162-2002 - Material passed, found to be self-extinguishing (Lab/Test
Report: California Institute of Electronics and Materials Science / Project No.:
850840592 - 4/28/2005)

Smoke Generation:

ASTM E 662-03 Smoke Density (Flaming and Non-Flaming). Average maximum
smoke densities of 369 Dmc and 252 Dmc respectively. (Lab/Test report:
Professional Testing Laboratory Inc / Project No.: 096952 8/23/2005)

Warranty *Jalite products are sold with the understanding that the buyers will test them in actual use and determine for themselves their adaptability to their intended uses. Jalite warrants to the buyers that its products are free from defects in material and workmanship, but limits its obligation under this warranty to replacement of the product shown to Jalite's satisfaction to have been defective at the time Jalite sold it. This warranty does not extend to any persons obtaining the product from the buyers. This warranty is in lieu of any other warranty, expressed or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose, and of any obligations or liability on Jalite's part. Under no circumstances will Jalite be liable for any loss, damage, expense, or consequential damages of any kind arising in connection with the use, or inability to use, Jalite's products.*