



# Installation Guide Step Edge Contrast E Series and N Series

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# Tools Required

- Methylated spirits
- Glue gun
- Glue
- Roller
- Brush and pan
- Paint scraper
- Soft cloth
- String line
- Screws  
6g x 25mm countersunk square (#1).
- Battery Drill



# Preparation of the Surface

- Ensure surface is clean, dry and free of oil
- Clean all loose and flaking material from surface
- If painted or coated, check that adhesive is compatible with the paint or coating



# Alignment of the Strips

- Mark 50mm (2 inches) from the edge of the top step.
- Mark 50mm (2 inches) from the edge of the bottom step.
- Place a string line between the marks to ensure the strip on each step will be correctly aligned.
- The maximum recommended length for installation in outdoor situations is 1.5 metres (5 foot), with a minimum 5mm gap (3/16th inch) between lengths. This allows for thermal expansion in extreme weather conditions and also aids in water drainage off the step tread.



# Preparation of the Strip

- Clean back of contrast strip with soft cloth and if necessary use methylated spirits (or similar solvent) to remove oil or grease.
- Allow to dry for approximately 1 minute.



# Applying the Adhesive

- Apply a 3mm (1/8<sup>th</sup> inch) zigzag bead of adhesive to the back of the strip, 3mm (1/8<sup>th</sup> inch) in from the edges.
- Continue along the length of the strip.



# Adhesive Usage

- Adhesive Usage
  - E2 & N2 Series - 38 metres per 600ml sausage
  - E3 & N3 Series - 30 metres per 600ml sausage
  - E7 & N7 Series - 28 metres per 600ml sausage

## Adhesive

- Australia: Bostik Seal n Flex FC
- NZ: Bostik Seal n Flex FC
- US: Bostik 1100 FS
- UK: Simson ISR 70-03 (by Bostik)

# Placement of Strip

- Line up the strip with your alignment marks and position approximately 2-3mm back from the front straight edge of the step.
- Place in position with the photoluminescent (light green) component of the strip to the leading edge of the step.



# Apply Pressure to the Strip

- Apply even pressure to spread the adhesive beneath the strip using a hand roller.
- If necessary stand on each strip to ensure good contact between the strip and the step.



# Allow the Adhesive to Cure

- Immediately following installation close off the area for a period of 8 hours to avoid the Ecoglo strip being moved whilst the adhesive is in the early stages of "cure".
- When adhesive has fully cured (allow at least 24 hours) trim excess from each strip with a sharp blade.



# Use of Fixers for Timber Installations

- It is important to use adhesive only for concrete installations. The adhesive will allow some movement to compensate for thermal contraction and expansion and will provide durable adhesion to the concrete substrate. If the concrete is covered with a sealer or paint there may be some doubt as to the adhesion properties. If in doubt, sealant or paint must be removed.
- For outdoor timber installations both adhesive and fixers should be used because installation onto outdoor timber surfaces varies because of the uneven nature of timber, the various types of timber (eg pine or quila), the protective coating (eg paint or sealer) and seasonal temperature variances.

# Use of Fixers For Timber Installations

- For timber the installation becomes a two step process:
- Apply adhesive as per pages 6-7 taking care to keep adhesive away from pre drilled holes.
- Place strip as per page 8-9
- Leave the adhesive to cure for 7 days before installing the fixers.

# Insert Fixer

- For timber installations the strips should be pre-drilled through the anti-slip material. The table below shows the number of drill holes required to allow for the natural contraction and expansion of timber.
- Place a screw fixer into each hole and drill in securely using the battery drill.
- Do not fully tighten the fixers to avoid compressing the adhesive.

Hole drilling specification	Less than 350mm	350 mm – 650 mm	650 mm – 950 mm	950 mm – 1250 mm	1250 mm -1500 mm
Number of holes	2	3	4	5	6