

Section 09 65 13.26

Ecoglo Anti-Slip Products

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Square brackets [] containing text indicate an option to be considered/inserted by the specifier. Remove brackets and unused options before printing.

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Anti-Slip Products

Part 1 General

1.1 Summary

- A Work Included: Supply and installation of anti-slip products.

1.2 Quality Assurance

- A Manufacturer Qualifications: to have minimum of 25 years' experience with similar work.

1.3 Submittals

- A Submit the following [in accordance with Section 01 33 00 – Submittal Procedures]:
 - 1 Product Data: Manufacturer's product data sheets for anti-slip products used in project.
 - 2 Manufacturer's Instructions: Pre-printed material describing installation of product, system or material, including special notices, safety data sheets outlining hazards and safety precautions and maintenance and cleaning instructions.
 - 3 Test Reports: Showing compliance with required standards, ordinances and codes.
 - 4 Substitutions: Substitutions must be submitted and approved prior to bid date. All requests shall include test results, product descriptions, confirmation of piece design and engineering calculations meeting design criteria.

1.4 Delivery, Storage and Handling

- A Handle and store products in a manner to prevent damage, deterioration and soiling to products, other building components, assemblies, other products, the structure, the Site and surrounding property and in accordance with manufacturer's instructions.
- B Store packaged or bundled products in original and undamaged containers and packaging with manufacturer's seals and labels intact. Do not remove from packaging or containers until ready to be installed.
- C Store products subject to damage from weather in weatherproof enclosures.

1.5 Warranty

- A Provide manufacturer's limited warranty. Warranty to cover defects in materials and workmanship.

Part 2 Products

2.1 Manufacturers

- A Contract Documents are based on products by Ecoglo International Ltd. (www.ecoglo.com)
- B Substitutions: [Under provisions of Division 01.] [Not permitted.]

2.2 Materials

- A Anti-slip materials are embedded in thermoset polyester manufactured using a High Temperature Manufacturing (HTC) process at a temperature exceeding 160°C to integrally bond the active ingredients to 5005 0.9mm aluminium (aluminum) sheet.
- B All anti-slip products to meet or exceed the performance criteria specified in the following tests or standards. PC = Performance Criteria
 - a. Slip Resistance
 - UL 410 Standard for Slip Resistance for Floor Surface Materials, PC – Pass, or alternatively,
 - AS 4586-2013 Slip Resistance Classification of New Pedestrian Surface Materials. PC - Classification: P5, or
 - AS/NZS 4586-2004, Slip Resistance Classification of New Pedestrian Surface Materials. PC – Dry slip resistance classification F, wet slip resistance classification V, slip resistance assessment group R12
 - b. Salt Spray Resistance
 - ASTM B117-97, Standard Practice for Operating Salt Spray (Fog) Apparatus. PC – Slight corrosion build up along scribes, no blistering or filiform growth along scribes.
 - c. Washability
 - ASTM D4828-94 (2003), Standard Test Methods for Practical Washability of Organic Coatings. PC – crayon, pen, 3M soil: all rating 10, being complete removal of soilant.
 - d. Rate of Burning
 - ASTM D635-03, Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Plastics in a Horizontal Position. PC – Time of burn 0 seconds, does not burn.
 - e. Surface Flammability
 - ASTM E162-02, Standard Test Method for Surface Flammability of Materials Using a Radiant Heat Energy Source. PC – Flame spread index 7.6, ignites with difficulty.
 - f. Toxicity
 - Bombardier Toxic Gas Generation Test SMP800-C. PC – Pass.
 - g. Radioactivity
 - ASTM D3648-2004, Standard Practices for the Measurement of Radioactivity. PC – Pass.

2.3 Components

- A Step Nosing
 - Description:
 - Aluminium (aluminum) nosing incorporating anti-slip strip. Available in lengths from 800mm – 1500mm in 100mm increments, or in full

- lengths of 2450mm or 3060mm.
- B Step Edge Contrast**
 Description:
 Aluminium (aluminum) base strip incorporating anti-slip strip.
 Available in lengths from 800mm – 1500mm in 100mm increments,
 or in full lengths of 2450mm or 3060mm.

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Product Code	Description
F9-170 Step Nosing	50mm x 25mm aluminium (aluminum) nosing incorporating 37mm wide black anti-slip strip. Available in lengths from 800mm – 1500mm in 100mm increments, or in full lengths of 2450mm or 3060mm.
F14-170 Step Nosing	75mm x 10mm aluminium (aluminum) nosing incorporating 64mm wide black anti-slip strip. Available in lengths from 800mm – 1500mm in 100mm increments, or in full lengths of 2450mm or 3060mm.
F15-170 Step Nosing	75mm x 33mm aluminium (aluminum) nosing incorporating 64mm wide black anti-slip strip. Available in lengths from 800mm – 1500mm in 100mm increments, or in full lengths of 2450mm or 3060mm.
N2-070 Step Edge Contrast	37mm wide aluminium (aluminum) base strip incorporating black anti-slip strip. Available in lengths from 800mm – 1500mm in 100mm increments, or in full lengths of 2450mm or 3060mm
N5-070 Step Edge Contrast	64mm wide aluminium (aluminum) base strip incorporating black anti-slip strip. Available in lengths from 800mm – 1500mm in 100mm increments, or in full lengths of 2450mm or 3060mm
F9-180 Step Nosing	50mm x 25mm aluminium (aluminum) nosing incorporating 37mm wide yellow anti-slip strip. Available in lengths from 800mm – 1500mm in 100mm increments, or in full lengths of 2450mm or 3060mm.
F14-180 Step Nosing	75mm x 10mm aluminium (aluminum) nosing incorporating 64mm wide yellow anti-slip strip. Available in lengths from 800mm – 1500mm in 100mm increments, or in full lengths of 2450mm or 3060mm
F15-180 Step Nosing	75mm x 33mm aluminium (aluminum) nosing incorporating 64mm wide yellow anti-slip strip. Available in lengths from 800mm – 1500mm in 100mm increments, or in full lengths of 2450mm or 3060mm.
N2-080 Step Edge Contrast	37mm wide aluminium (aluminum) base strip incorporating yellow anti-slip strip. Available in lengths from 800mm – 1500mm in 100mm increments, or in full lengths of 2450mm or 3060mm
N5-080 Step Edge Contrast	64mm wide aluminium (aluminum) base strip incorporating yellow anti-slip strip. Available in lengths from 800mm – 1500mm in 100mm increments, or in full lengths of 2450mm or 3060mm

Part 3 Execution

- 3.1 Examination
 - A Before installation, examine surfaces on which the work of this section depends. Notify [Contractor] if substrates do not comply with requirements of this section.
 - B Do not proceed with work of this Section until all unsatisfactory conditions have been corrected, if any.
 - C Commencement of Work will imply acceptance of surfaces.
- 3.2 Preparation
 - A Clean surfaces to remove dirt, dust, grease, oil, loose material, frost, paint, coatings, or other matter that may affect bonding or installation of photoluminescent products.
 - B Test substrates for fit with products before using adhesives or mechanical fastening.
- 3.3 Installation
 - A Unless otherwise indicated in the specifications, install products in accordance with manufacturer's instructions. Obtain written instructions directly from manufacturer.
- 3.4 Cleaning
 - A At completion of installation, clean soiled product surfaces in accordance with manufacturer's instructions.
- 3.5 Waste Management and Disposal
 - A Separate waste materials for [reuse] [and] [recycling] at nearest used building materials facility.
- 3.6 Protection
 - A Do not allow heavy objects to come into contact with installed products.

End of Section