

PRODUCT NAME:

SND-03 is 3 component Stair Nosing consisting of Aluminum base with Anti-Slip & Photoluminescent Tape.

PRODUCT DESCRIPTION:
Basic Use:

A metallic profile used for installation at the edge of a stair treads for the making of the stair tread glow in dark as a safety measure during night and anti-slip properties as a safety guard against hazards of tripping. Designed for better foot grip and is supplied with slip resistant carborundum and PL tapes. Once installed, it's not only enhances the esthetic look of building, it also make the building more safer for the occupants and visitors.

COMPOSITION & MATERIALS:

SND-03 is made of construction grade extruded Aluminum and comes with Anti-Slip tape and Glow-In-Dark tape.

PACKING:

SND-03 is supplied in 10' (3mtr) long battens / strips. Cut to size at the job site or order factory cut and drilled sections. Anti-Slip and Photoluminescent Tapes are supplied in standard length rolls.

COLOR:

Silver anodized aluminum with a choice of black/yellow anti-slip tape and yellow color Photoluminescent Tape.

APPLICATION LIMITATIONS:

- Do not use in grease or oily conditions
- Install on straight and solid surface
- Do not apply a paint finish on top of anti-slip surface
- Do not install over a floor covering like capte / PVC / Linoleum

ANTI-SLIP AREA:

Aluminum	: 1.5" (38mm) serrated Anti-slip surface
Anti-Slip Tape	: .77" (19.5mm) wide Anti-slip Tape
Glow In Dark	: .77" (19.5mm) wide Photoluminescent Tape

PHYSICAL PROPERTIES:
A.) ALUMINUM

PROPERTIES	VALUE / RESULTS
Alloy	6063
Temper	T6
Finish	Silver Anodized
Hardness	10-12 Web
Tensile Strength	207 Mpa
Elongation	10%
Chemical Composition Wt. %	
	Copper <0.02
	Manganese 0.03

Chromium	<0.02
Silicon	0.20
Aluminum	97
Iron	0.10
Magnesium	0.47
Titanium	<0.02
Zinc	<0.02
Recycled Contents	
	Post Consumer 30%
	Post Industrial 70%

B.) ANTI-SLIP TAPE

Anti-slip resistance properties are tested according to BS 7976:2, by using the Pendulum Skid Resistance tester.

High slip potential	0-24
Moderate slip potential	25-35
Low slip potential	36+

According to the test results, anti-slip tapes supplied with Prospec Nosing fall in the category of LOW SLIP POTENTIAL SURFACE

Ingredient % by Weight:

Aluminum Oxide	40-70
Polyurethane Resin	10-30
Polyester Film	10-30
Adhesive Copolymers	5-10
Adhesive Polymers	5-10
Carbon Black	0.5-1.5
Micronized Talc	0.1-1.0

Note:

Carbon black and possible ingredients in micronized talc are considered carcinogens. In this product, these ingredients are bound in resin. Therefore, these are not expected to be exposure to these carcinogens from the intended use of this product.

C.) PHOTO-LUMINESCENT TAPE

The Glow In Dark tape is a high-strength composite film including an aluminum base layer, high visibility Photoluminescent layer and an abrasion resistant top layer. This construction prevents any component migration (plasticizers/dyes/etc.) and prevents shrinkage or expansion. It also offers enhanced performance due to complete opacity.

Toxicity: Passes the Bombardier SMP 800-C Toxic Gas general test.

Chem. Resistance: Excellent resistance to wide range of alkalies / acids.

Radioactivity: Exceeds ASTM D 3648-2004 for Total Non-Radioactive material.

Flame Spread: Tested to ASTM E 162 for Flame Spread index <35

Washability: Exceeds ASTM D 4828-1994 for completely clean with rating 10

Brightness Rating: Exceeds ISO 17398, 7.11 (modified) – more than 5.0 mcd/sm of illumination after 90 minutes in total darkness.