

PRODUCT NAME:

Stair Tread, Trade Name: SNH-02

BASIC USE:

Install at the edge of external stair treads for the making of the stair treads safer and slip-resistant.

PRODUCT DESCRIPTION:

SNH-02 is recommended for external application. Heavy-Duty SNH-02 is made up of 2 profiles of heat treated heavy-duty, construction grade Aluminum Alloy 6063 with Temper 6 filled with 3 part epoxy based system including Crystalline Silica, Aluminum Oxide and 2 part (A+B) epoxy resin. The mixture is mechanically poured in the profile cavities to give the end product that is extremely hard wearing and have long product life cycle. By using SNH-02 in external application, hazards of slipping and tripping are greatly reduced. Designed for better foot grip SNH-02 is recommended for Schools, Universities, Metro Stations, Car Parks Malls, Airports, Public Spaces & Auditoriums. Once installed, it's not only enhances safety of building users, it also improves the esthetic look of building.

COMPOSITION & MATERIALS:

Made up of 2 construction grade extruded Aluminums (male & female) and an epoxy based anti-slip Carborundum formulation.

PACKING:

SNH-02 is supplied in 10' (3mtr) long battens. Cut to size at the job site or order factory cut and drilled sections.

COLOR:

Silver anodized aluminum with black carborundum

APPLICATION LIMITATIONS:

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

ANTI-SLIP AREA:

Aluminum: 2" (51mm) of serrated anti-slip surface

PHYSICAL PROPERTIES:**A. ALUMINIUM**

PROPERTIES	VALUE/RESULTS	
Alloy	6063	
Temper	T6	
Finish	Silver Anodized	
Hardness	10-12 Web	
Tensile Strength	207 Mpa	
Elongation	10%	
Recycled Contents	Post Consumer	30%
	Post Industrial	70%
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

B. ANTI-SLIP CARBORUNDUM**Ingredients:**

Crystalline Rock
Petroleum Coke
Aluminum Oxide
Epoxy Adhesive (A+B)

Formula:
$$\text{SiO}_2 + 3\text{C} \rightarrow \text{SiC} + 2\text{CO}$$