

Technical Data sheet - Stair Nose for Ceramic Tiling

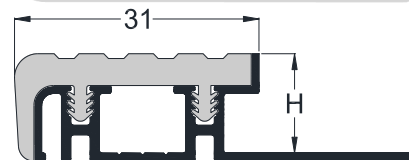
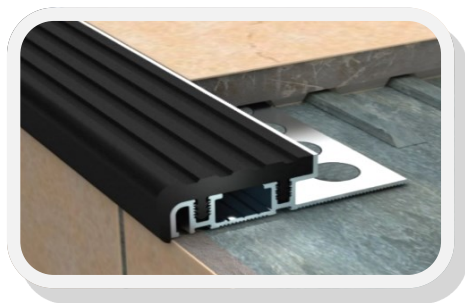
SNA Series

Stair Nose for Ceramic Tiling

We provide an extensive range of stair nosing and edging to accommodate all kinds of steps and staircases.

Aluminium stair edging is an essential safety feature in most European countries. (Ref: UK ADM Building Regulations 2000 and BS8300:2009) It is used to define clear steps, prevent slipping and provide edge protection against wear and damage.

The SNA is a hybrid stair nosing with a wider color range. Apart from the anti-slip function and corner protection, it also defines the edges of each step, enhancing safety.



Aluminium Details

European Standard	EN573-3
British Standard	BS1474
American Standard	ASTM B221
Australian Standard	AS/NZ1866
Alloy	6063
Temper	T5
Composition : Si%	0.2-0.6
Composition : Fe%	0.35
Composition : Cu%	0.1
Composition : Mn%	0.1
Composition : Mg%	0.45-0.90
Composition : Zn%	0.1
Composition : Ti%	0.1
Composition : Cr%	0.1
Composition : Al%	Balance
Tensile Strength <3mm (N/mm ²)	175
0.2% Proof Stress <3mm (N/mm ²)	130
Elongation <3mm (%)	8
Flammability	Solid Aluminium is non-combustible material. Does not burn, does not give off smoke when exposed to fire and does not emit sparks on impact.

uPVC Details

Tensile Strength	ASTM D638	44.6	Mpa
Elongation at Break	ASTM D638	120	%
Flexural Strength	ASTM D790	62	Mpa
Flexural Modulus	ASTM D790	3090	Mpa
Izod Impact (notched @23°C)	ASTM D256	12	kJ/m ²
Tensile Impact Strength	ASTM D1822	150	kJ/m ²
Specific Gravity	ASTM D1505	1.4	-
Vicat Softening Temperature	ASTM D 1525	92	°C
Brittleness Temperature	ASTM D 746	-25	°C
Accelerated Aging at 70°C for 168hrs - change in Tensile Strength	ASTM D 3045	+12.2	%
Flammability	ASNI/UL 94-2001	V1	burning stops within 30 seconds on a vertical specimen; drips of particles allowed as long as they are not inflamed.

Head Office & Factory

92, 92/1-4 Moo1, Homsin, Bangpakong, Cha-Choeng-Sao, 24130 Thailand
Tel : +66 38 842 749 Email : contact@alusite.com



Technical Data sheet - Stair Nose for Ceramic Tiling

NSA Series

Laboratory Test Details

Toxicity and Heavy Metal (RoHS)	ISO 3613	Passed
Toxicity and Heavy Metal (RoHS)	US EPA 3052 & 6010B	Passed
Salt Spray (Corrosion Test)	ASTM B 117-03	240 Hrs
Accelerated Weathering test	ASTM G154	1,000 Hrs

Maintenance

Alusite Series utilizes 6063 aluminium alloy commonly used for building material. As with any finished building material, anodized aluminum requires reasonable care prior to and during installation and periodic cleaning and maintenance after installation. Although anodized aluminum possesses exceptional resistance to corrosion, discoloration, and wear, its natural beauty can be marred by harsh chemicals, rough conditions or neglect. Such conditions usually affect only the surface finish and do not reduce the service life of the aluminum. However, scratching and wear and may be damaged by tile adhesive, mortar, or grouting material. Therefore, setting materials must be removed with a sponge and warm water immediately.

Precautions

Remove and clean adhesive or grout residue from visible surfaces immediately. Avoid using aggressive alkaline or acid cleaners on aluminum finishes. Do not use cleaners containing trisodium phosphate, phosphoric acid, hydrochloric acid, hydrofluoric acid, fluorides, or similar compounds on anodized aluminum surfaces. Strong solvents or abrasive cleaners can cause damage to painted surfaces. Always follow the cleaner manufacturer's recommendations as to the proper cleaner and concentration. Test-clean a small area first. Different cleaners should not be mixed.

Head Office & Factory

92, 92/1-4 Moo1, Homsin, Bangpakong, Cha-Choeng-Sao, 24130 Thailand
Tel : +66 38 842 749 Email : contact@alusite.com

