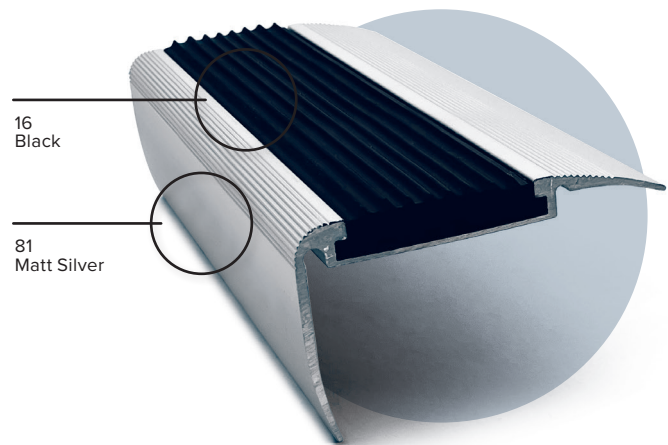
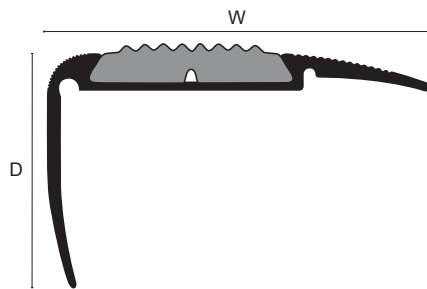


NRE

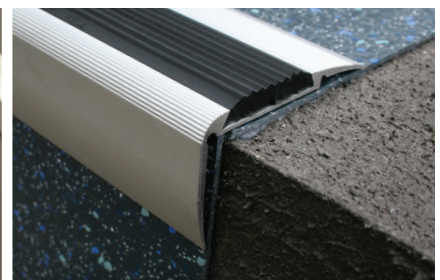
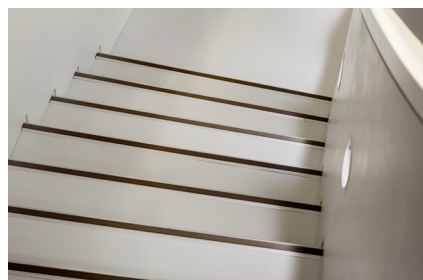


Product Description

Genesis NRE profile is a strong well designed, innovative Aluminium profile designed to provide a simple, safe secure edge for steps.

The Anodised Silver profile sits on top of the floor covering providing a perfect step edge with a grooved 25mm wide insert offering additional grip, the ramp offers a degree of movement allowing it to fit over Vinyl / LVT.

The channel is supplied pre-drilled and countersunk at 180mm centres with fixing plugs and DIN 7050 M3.5 x 25mm screws or Mechanical fixing, once installed the insert can be easily applied concealing the screw heads.



Technical Details

NRE profiles are available in different anodised finishes and powder coated finishes - All natural Aluminium (Mill Finish) has a oxide film of approx 0.2 microns, when Mechanically & Chemically polished the anodising process increases this to 5 microns, up-to 20 for the Matt finish and 100 for powder coated.

Aluminium AA 6063 T6 / UNS A96063 anodised to DIN 17611	
Si%	0.2-0.6
Fe%	0.35
Cu%	0.1
Mn%	0.1
Mg%	0.45-0.9
Zn%	0.1
Cr%	<0.01
Al	Balance

Maintenance

Genesis NRE does not require any special maintenance. Oxidisation film on Aluminium may be removed with a common polishing agent; however, they do reoccur.

Damaged anodised finishes may only be repaired by re-coating. Aluminium must be tested to verify its suitability if chemical stresses are anticipated. Cementitious materials, in conjunction with moisture, become alkaline.

Since aluminium is sensitive to alkaline substances, exposure to the alkali (depending on the concentration and time of exposure) may result in corrosion (aluminium hydroxide formation). Therefore, it is important to remove adhesive or grout residue from visible surfaces.

In addition ensure that the profile is solidly embedded in the setting material and that all cavities are filled to prevent the collection of alkaline water. The anodised layer creates a finish that retains a uniform appearance during normal use. The surface, however, is susceptible to scratching and wear and may be damaged by tile adhesive, mortar, or grouting material.

Therefore, setting materials must be removed immediately. Otherwise, the description regarding Aluminium applies.

Dimensions

Stock Lengths are available in 2.77m. The profile dimensions are 54mm wide (W) tread and 33mm front face (D), with a 25mm insert.

Slip Resistance

Inclined Platform Test DIN 51130:2010
 Category: R9
 Slip Resistance BS 7976-2:2002 Pendulum Test
 PTV Average Dry Value: 79
 PTV Average Wet Value: 28

Installation

1. Check the fit of the nosing and ensure that the profile is firmly placed against the riser of the step, if required mark the floor.
2. Drill the sub floor and plug accordingly. (If screw fixing is desired)
3. Apply any contact grade adhesive to the bottom of the profile and to the tread where the nosing is to be fixed.
4. Place the nosing in position and mechanically fix.
5. Apply insert to channel to conceal fixing.