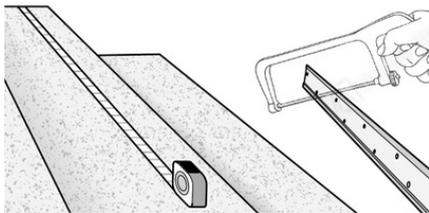


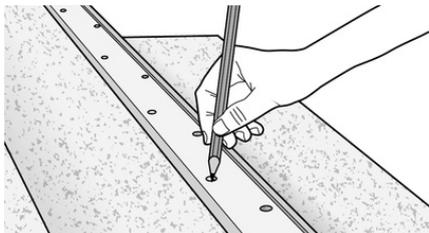
# Uncovered Stair Nosing Profiles

## Tools required

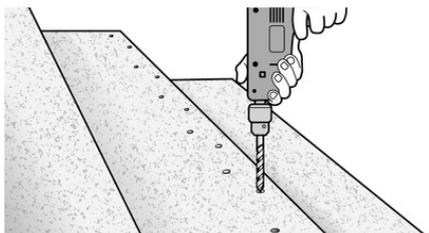
- Safety glasses
- Saw
- Gloves
- Knee pads
- Mechanical fixings - countersunk self-tapping screws (6g x 25mm)
- Battery operated cordless drill with hammer function (or electric drill if preferred)
- Squaredrive screwdriver bits
- Hammer
- Wipes or cloth rags
- Denatured or isopropyl alcohol
- For concrete substrates: Nylon concrete plugs (5g x 25mm), and concrete drill bit size 5mm wide with drill depth minimum 38mm for strength

**1**

Measure and cut the profile to the required length. Profiles are pre-drilled in our factory, but lengths shorter than two pre-drilled screw holes require a hole to be manually drilled and countersunk on site. Maximum spacing of screw fixings is every 20 cm

**2**

Locate the profile against the stair nose and use a pencil or marker to mark the location for the pre-drilled countersunk holes.

**3**

Remove the profile and drill the concrete plug holes with the 5mm masonry drill bit.

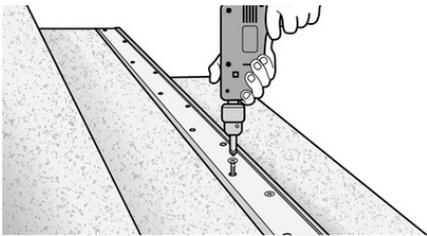
*Tip: it may help to measure and mark the depth to drill and wrap tape around the masonry bit to ensure correct and uniform depth*

4



Clean away the concrete dust from drilling and push in by hand or lightly tap the plugs into the holes with a hammer.

5



Place the cut profile length into its fixed position on the stair nosing edge (aligning with the drilled holes if it is a concrete substrate).

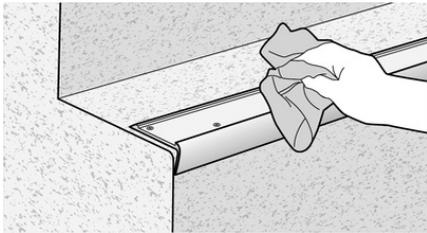
Screw fix the profile using the 6g x 25mm countersunk self-tapping screws with the cordless drill and correct screwdriver bit.

### Diamondtred Insert

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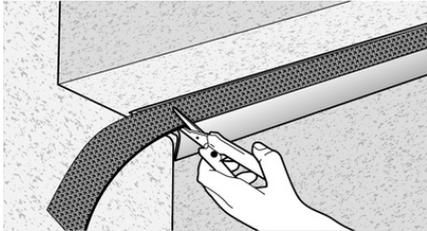
Diamondtred Insert is best installed when dry and between temperatures of 15-25 degrees celcius.

1



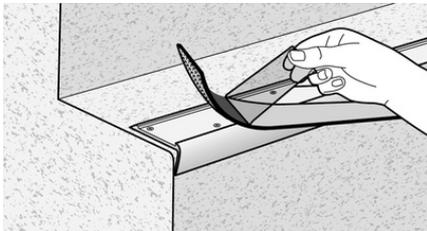
Ensure the aluminium channel is clean from dust, residues and debris. Wipe down with a cleaning solvent (Isopropyl Alcohol or similar).

2



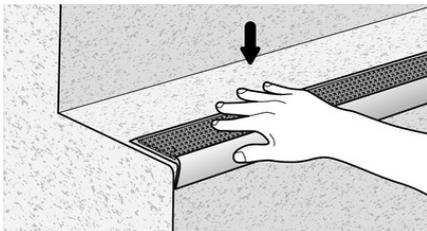
Precut the Insert to your required length.

3



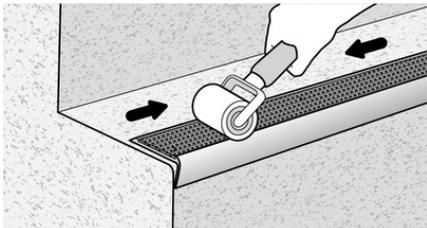
Remove the adhesive backing liner from the Tredsafe Insert.

4



Install by placing the Insert into the nosing and pressing into place without undue stretching.

5



Once in place, roll over the Insert to ensure consistent adhesion and a secure bond. Please take care not to stretch the Insert when rolling. Leave for a few hours to ensure proper bonding.

# Maintenance

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**Aluminium Profiles**

Under normal conditions, the aluminium profiles are extremely durable, but the following should be taken into account

- Aluminium is attacked by alkali in some mortars and plasters in wet conditions
- Electrolytic corrosion is likely when in contact with some metals, particularly copper, copper alloys, iron, and steel. Although it is not affected by most timbers, corrosion is very likely when in contact with wet timber, such as western red cedar, douglas fir, and oak.

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**Diamondtred Insert**

The Tredsafe Diamondtred Insert is produced with a polyurethane coating which reduces dirt retention. It is resistant to attack from ultraviolet light, oil, grease, petrol, salt dilute acids and alkalis, common household chemicals and detergents. Organic solvents will soften the insert.

The three dimensional pyramid pattern which provides excellent slip resistance in the wet will require more care than a smooth flooring surface. As with any flooring, regular maintenance is important to prevent excessive soiling.

Some Diamondtred insert colours will require more cleaning than others, but shouldn't need cleaning any more frequently than once every 24 months (dependent on foot traffic).

The following cleaning options are a suitable way of cleaning and maintaining the Diamondtred Insert

- Water blasting: this is the quickest and easiest option - suitable for outdoor installations. Water blasting will not affect the adhesive, or lift the insert.
- Manual scrubbing: Cleaning is also achieved by scrubbing with a bristle brush in conjunction with a cleaning solution. Commercial cleaning machines such as the "Scrub-Vac" are also suitable.