

INTERIOR & EXTERIOR APPLICATION

A number of Latham Asbraloy™ and Asbrabronz™ profiles can be curved to convex and concave radii.

The actual achievable radius will be dependant on whether the profile is to be curved in a convex or concave fashion and also the material type and profile. In general the tightest radius that can be achieved with stair tread nosings and inserts is approximately 1750mm, although this varies from profile to profile and the requirement should be discussed with a Latham representative. Curved Stair Tread Nosings and Tread Inserts are available in a number of profiles including the surface mounted 834 ST and even some recessed LED Tredlite profiles.

When supplying curved Stair Tread Nosings and Inserts, the profiles can be curved to architectural drawings or preferably hard templates should be supplied with the order to ensure the treads or inserts are in accordance with the actual site requirement as opposed to a drawing detail.

Asbraloy™ Aluminium profiles that can be successfully curved are, 834 ST, 513 SHD, 745 S, 745 SB, 765 S, 765 SB, 775 S, 775 SB, 322 S, 493 S, ACS-20 and ACS-50, whilst from the LED Tredlite range in Aluminium, the TL-25FL-745 S and TL-25DECBOT-745 S can also be curved. The following Asbrabronz™ Solid Brass profiles can also be successfully curved B503 S, B745 S, B745 SB, B765 S, B765 SB, B775 S, B775 SB, B322 S, B483 S and BCS-20, whilst from the LED Tredlite range in Brass TL-25FL-B745 S and TL-25DECBOT-B745 S can also be curved.



CLEANERS

Latham Gold-Chem™ Neutral Ph Concentrated Cleaner

Recommended for all Asbraloy/Asbrabronz Suregrip and Supagrit filled products.

Safe, non toxic, odourless powder concentrate that floats away dirt and stains without residue.

In our experience no cleaner, detergent or soap has ever performed like Gold-Chem. This highly concentrated powder is mixed with water in appropriate portions and applied to the surface. In minutes, with light brushing the chemical loosens dirt, marks and most stains.

Latham Gold-Chem™ Powder

Non-detergent, safe, neutral pH, non-toxic, biodegradable, non-irritant, non-flammable, revolutionary cleaner specially formulated for deep cleaning and maintaining marble, terrazzo, slate and other natural and man-made stone surfaces.

Gold-Chem is composed of penetrating agents that float the dirt from porous surfaces without harming the natural polished surface finish. Gold-Chem meets the specifications of the National Stone & Terrazzo Association of USA and the Australian Stone and Terrazzo Association.



LEVELLING & BEDDING ADHESIVES FOR STAIR TREAD & MALL BARS



Titazel™ Thixotropic Epoxy Resin Adhesive

Internal/external application Titazel™ Thixotropic Epoxy resin adhesive - only for treads that do not require repair or levelling. (Approx. nett weight 1.5 Kg.)

Approximate coverage 25 LM on 75mm section or 18 LM on 135mm section on a level stair that is not hollow or worn. For hollow or worn stairs use Titazel™ RA-1. For further details see pages 35-38.



Titazel™ RA-1 Resin Levelling Adhesive

Internal/external application Titazel™ RA-1 Resin Adhesive filling and levelling kit. For further details see page 35.

Developed especially for fixing Asbraloy™ nosings on worn and damaged treads. (Approx. nett weight 3.5Kg - 2m² at 1mm thick).

Asbra Titazel™ Clean Up Solvent

Removes uncured resins or cartridge adhesive during installation. Can also be used to wipe off underside of tread nosings before adhesive fixing for better bond. 4 litre and 500 ml.



Tytred 2 Bedding Adhesive

For internal and external applications, quick and easy Tytred 2 bedding adhesive bonds and beds stair tread nosings to most surfaces. Requires installation in conjunction with standard configuration screw fixings.

Cartridge: 300 gms

Coverage: two beads (front bead heavy) on 75mm-100mm width nosing sufficient for approximately 4.6LM on a level stair that is not hollow or worn.

ALUMINIUM & BRASS STAIR TREAD CUTTING WHEELS

The aluminium and brass Abrasive Stair Tread Cutting Wheels are exclusively manufactured for cutting Latham Stair Tread sections. The fine grade silicon carbide fabric enclosed and wax encrusted blades create the best cut available for the treads when multiple cuts are required (standard metal cutting blades will be damaged by the abrasive inserts in the stair treads). The cutting wheels are designed to be used on a drop or friction saw with maximum RPM of 3400. The new wheel diameter is 355mm, with a bore size of 24.5mm.

These cutting wheels are available for purchase from Latham Australia when the material is supplied in full 4600mm manufacturing lengths for site cutting to the required sizes.

On a properly set up drop saw, you should expect approximately 90 cuts for 75mm-100mm wide treads from 1 blade (different saws will achieve different results).



ACCESSORIES - FIXING



25mm, 31mm & 37mm x 8G

Stainless Steel, Brass, or Blackened Steel Countersunk Head Screws on request.

Use 8 gauge for slip-resistant nosings and Asbra resilient nosings. Blackened steel should not be used externally. Unless otherwise specified 25mm 8G screws (stainless steel for Asbraloy and brass for Asbrabronz) will be supplied.



Plastic Plugs
To suit 8 Gauge screws



Mechanical Expansion Shield Fixing (M6)

Countersunk Head (countersunk head will protrude wider than silicon carbide bar)



Stainless Steel Countersunk Head Metal Thread Screws and Nuts

8 x 25mm
Lengths 16mm, 25mm.
Other lengths available

Latham Original Asbra Slip Resistant Stair Treads & Nosings

ECONOMICAL AND EASY TO INSTALL, LATHAM ORIGINAL SAFETY STAIR TREADS PROVIDE SLIP RESISTANT PROTECTION FOR PEDESTRIANS, BUILDING OCCUPANTS AND OWNERS. THE STAIR TREAD NOSING HIGHLIGHTS THE LEADING EDGE OF THE STAIR AND ARE FILLED WITH SLIP RESISTANT SUREGRIP BLACK OR COLOURED SUPAGRIT SILICON CARBIDE GRANULES

Filled with slip-resistant Suregrip and Supagrit silicon carbide mineral granules for heavy and light duty applications. Service factors must be taken into consideration when selecting stair tread profile.

Lengths

All Asbraloy and Asbrabronz profiles are offered factory cut to the site required length (up to 4600mm in 1 continuous length) complete with countersunk holes, stainless steel or brass screws (depending on the selected section) and plastic plugs. If specified at time of order treads can be supplied in full manufacturing lengths of 4600mm for on site cutting and drilling to suit clients supplied fixings.

Factory Cutting Tolerance: +0/-3mm.

Screw Fixing Holes

Unless otherwise specified at time of order holes will be provided in the treads to suit 8 gauge stainless steel or brass screws (note details under ACCESSORIES-FIXING page 4), at Latham's standard 250mm centres. Any special machining, mitring, modifications or alternative hole locations, will be carried out at extra cost.

Finishes

Asbraloy Aluminium profiles are supplied in mill finish. On request profiles can be supplied with a polished bullnose or in clear anodized finish at additional cost. In marine type applications Asbraloy profiles should be specified with 20 micron clear anodised finish.

Asbrabronz Brass profiles are supplied in brush finish. On request profiles can be supplied with a polished bullnose.

Bevelled Side Edge

For surface mounted treads and landings that can be approached from all sides. Particularly applicable to the top tread and where small children are walking (must be specified at time of ordering). Available in most profiles.

Slip Resistance Testing

Slip Resistance Performance Testing for Asbraloy and Asbrabronz profiles can be found on page 54 of this catalogue.

Luminance Contrast

Details of Luminance contrast for Asbraloy and Asbrabronz products can be found on page 55 of this catalogue.

Fire Tests

Fire Test results for Asbraloy and Asbrabronz profiles in accordance with AS ISO 9239.1 2003 can be found on page 56 of this catalogue.

Miters

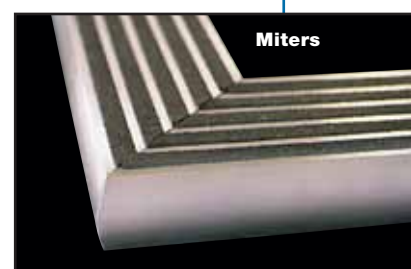
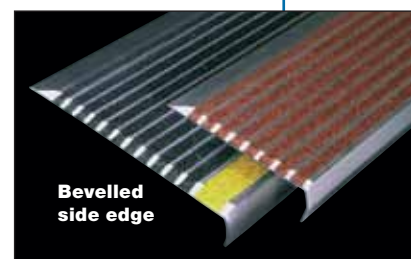
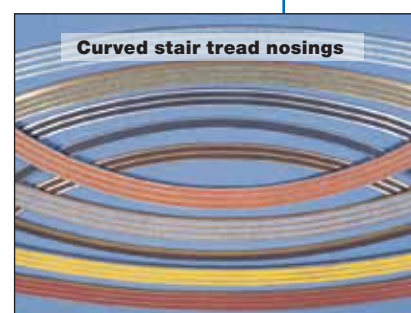
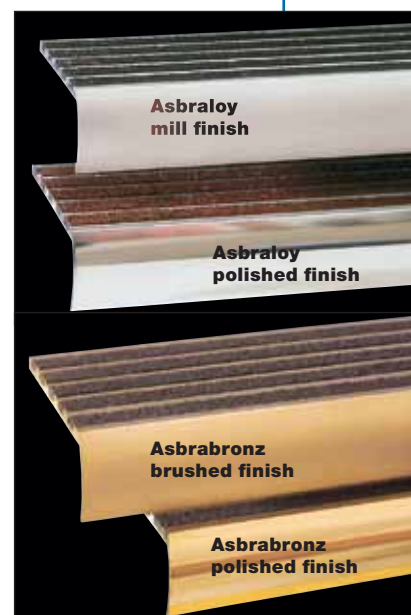
A feature of the Asbraloy and Asbrabronz range is its flexibility. Treads can be mitred to suit requirements. Miters will be supplied loose unless welding is specified. When ordering please specify mitre; 90 degree angle or angle desired and confirm whether mitred face of nosing is the internal or external corner of the tread.

Curved Nosings

Some profiles can be curved to a constant radius. Sections 834ST, 513, B503, 745, 755, 765, B745, B765, 322, B322, 493, B483, in Stainless Steel 12-140 RHB, 12-140 RHC. Discuss with your Latham representative the radius required and if convex or concave along front edge of nosing before specifying and purchase. Hard template suitably marked up showing front leading edge of step and template marked visual top face must be provided (see page 13 for further instructions).

Extra Chemical Resistance

Extra Chemical Resistance Infill should be specified for areas where harsh chemicals are used, such as commercial cleaning compounds in commercial kitchens. Latham recommend Gold-Chem Neutral Ph Concentrated Cleaner for all Asbraloy and Asbrabronz products (see page 4).



Colour Range Slip Resistant Infill

Asbraloy Aluminium Suregrip standard infill colour is sparkling black. Asbrabronz Brass Suregrip standard infill colour is brown. Optional Supagrit infill colours available at extra cost (batch colours may vary and amber).

