

the new edge in safety for stairs

X T
range

GRADUS

www.giltedge.co.nz

From



Every Flooring Installation Deserves the **"GILT EDGE"** Finish

GRADUS

 ACCESSORIES



Building on 40 years knowledge and experience Gradus has evolved its traditional stair edging design with the Gradus XT range, offering the ultimate solution in reducing slips, trips and falls on stairs. Based on the latest recommendations from Building Research Establishment (BRE) and the guidance contained in Approved Document M (ADM) of The Building Regulations 2000, building owners and specifiers can request the Gradus XT range safe in the knowledge that they are using the very latest in product design and performance to protect all groups of building users.

Research undertaken by BRE investigated the effect of going (step tread) size on stair safety and the use of proprietary nosings in overstep situations. The research resulted in the publication of a paper - BRE IP 15/03 Proprietary nosings for non-domestic stairs.

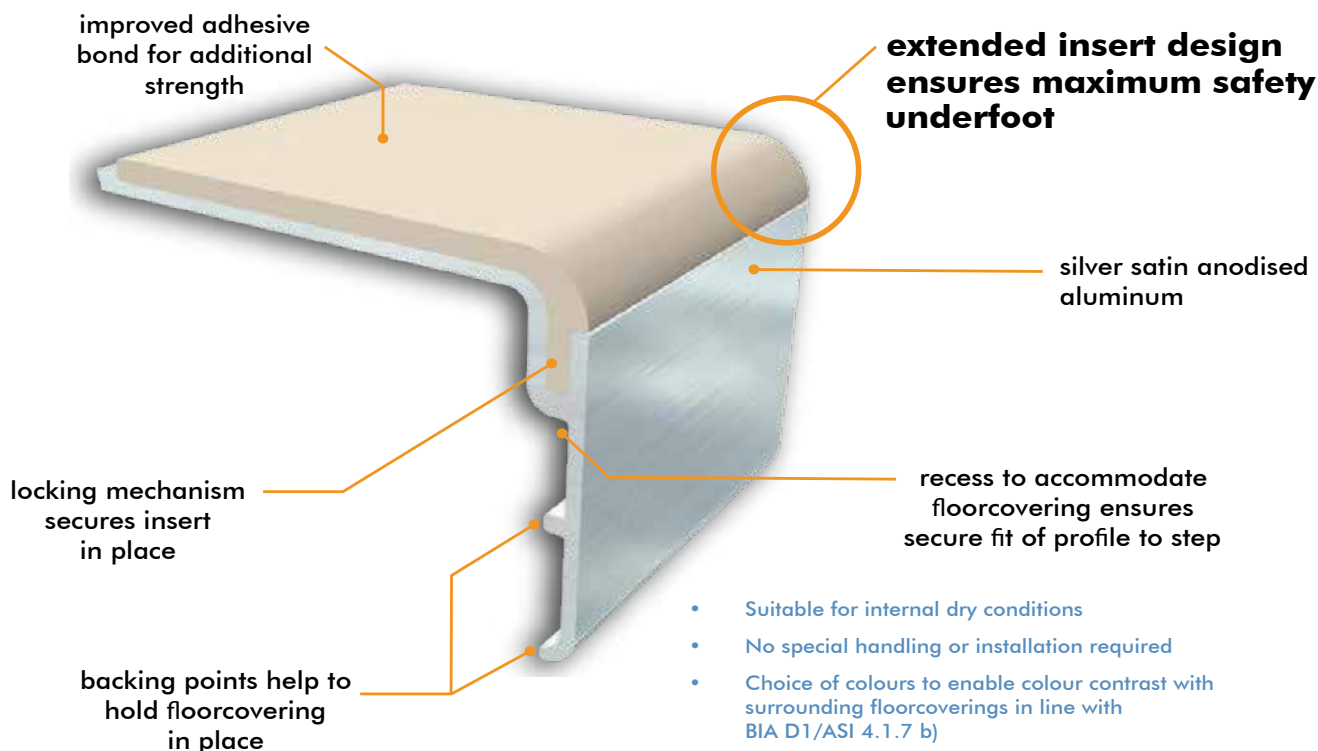
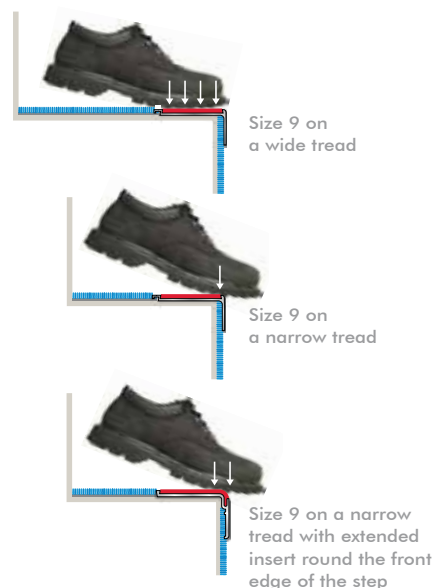
Results:

- as going sizes are reduced, the risk of overstepping on the edge of the step increases
- the contact area between the shoe and stair is dramatically reduced and increases the likelihood of the foot slipping off the nosing (step edge)
- this may lead to an irrecoverable misstep and a potentially serious fall

Conclusion:

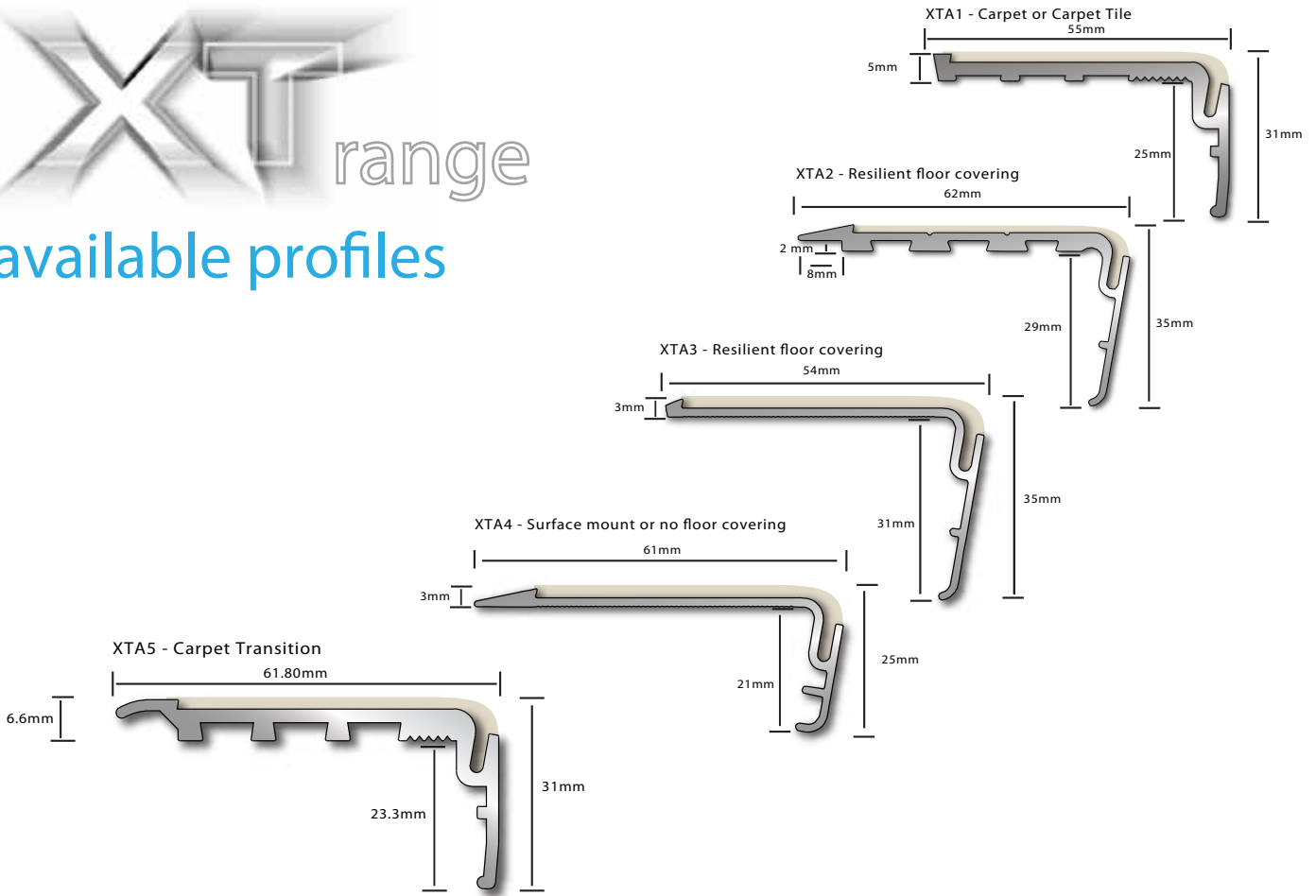
- the risk of slip to the user may be reduced by increasing the available friction at the nosing (edge of the step)

The Gradus XT range features an extended insert that continues around the leading edge of the stair edging to ensure that contact is always made with the slip-resistant element of the stair edging.

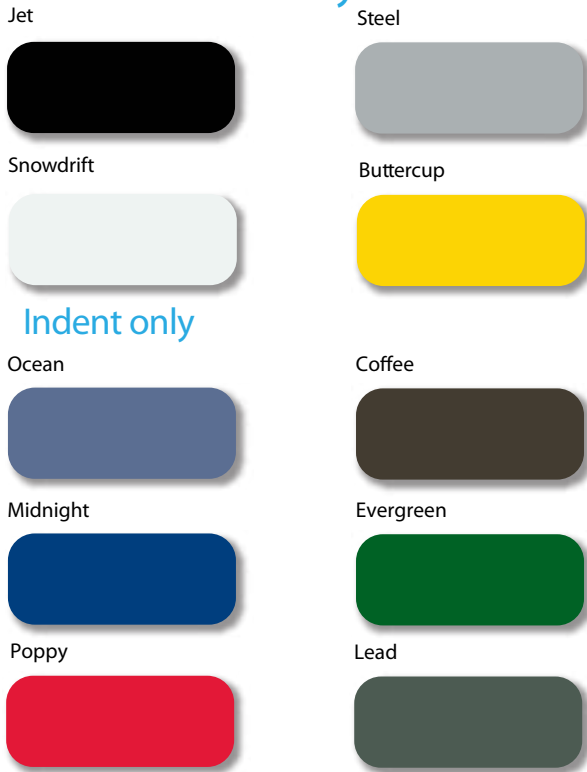




available profiles



colour availability - ex stock



slip-resistance & performance

Pendulum Test Value (PTV)	Slip Potential
0 - 24	High Slip Potential
25 - 35	Moderate Slip Potential
36+	Low Slip Potential

Composition	PVC with Natural Mineral Fillers and PVC Wear Layer
Environment	Interior Dry Conditions
Potential for Slip	Dry Conditions Low (PTV Av. 68). Exceeds ALL minimum standards of specified slip resistance in accordance with AS/NZ 3661.1 and BIA D1/AS1
Compatibility	XT Profiles
Wear Classification	Group T - Class 34 - Commercial Very Heavy Group T - Class 43 - Light Industrial Heavy

cleaning & maintenance

IMPORTANT Do not use solvent cleaner of any description to clean Gradus products. Floor sealants and polishes should not be used as these will reduce slip-resistant properties and could prove hazardous. Particular care should be taken to avoid cross contamination occurring during the cleaning of other adjacent surfaces. Stair edgings provide an essential slip-resistant function and therefore a regular cleaning and maintenance programme is essential to avoid the build up of dirt and/or grease, which will be detrimental to the slip-resistance of the product.

For full cleaning and maintenance instructions contact Gilt Edge Industries Ltd.

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STANDARD PROFILE RANGE (NON XT) SPECIFICATION GUIDE

CODE	PROFILE TYPE	INSERT	DESCRIPTION	TOP WIDTH	DROP (MM)	CODE	PROFILE TYPE	INSERT	DESCRIPTION	TOP WIDTH	DROP (MM)
SC2		2x38mm	Double Square	85	25	SM2		2x38mm	Double Bullnose	82	31
SC1		1x44mm	Single Square	52	25	SM1		1x44mm	Single Bullnose	48	31
SD2		2x38mm	Double Rakeback	85	36	CD1		1x63mm	Single Square Carpet	84	31
SD1		1x44mm	Single Rakeback	52	37	CD2		3x12mm	Triple Insert Carpet	65	36
LF3		1x44mm	Single Longface	56	44	CD3		1x44mm	Single Longface Carpet	61	46
LF2		2x38mm	Double Longface	88	43	CD4		1x44mm	Single Square Carpet	62	31
LF1		1x44mm	Single Longface	52	44	PV1		1x44mm	Rigid PVC Carpet	65	31
RP2		1x44mm	Single Threshold Aluminium	53	-	PV2		1x44mm	Rigid PVC Carpet	54	36
RP1		1x44mm	Single Ramp Edge	59	23						

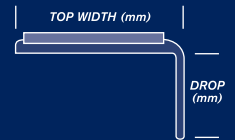
GRADUS INSERT COLOUR:



Custom colours available on request.

GREASE RESISTANT / OUTDOOR INSERTS: In any installation location where contaminants such as oils, grease and fats are likely to be trafficked onto stair nosings, the GRADUS Grease Resistant Outdoor Insert must be used.

COMPLETE FIXING KIT: Price includes anti-slip insert which is fitted after fixing of aluminium or PVC nosing profile, in addition to screws and fixing plugs. Adhesive also available. Nosings should always be adhesive and mechanically fixed.



STAIR NOSING / STAIR TILE INSTALLATION GUIDE

PROFILE	CARPET	LINOLEUM VINYL	TILE-CERAMIC or TEROCOTTA ETC.	CONCRETE	TIMBER	MARBLE TERRAZZO
SC2	P	I	P	I	I	P
SC1	P	I	P	I	I	P
SD2	P	I	P	I	I	P
SD1	P	I	P	I	I	P
SM2	P	I	P	I	I	P
SM1	P	I	P	I	I	P
LF3	P	I	P	U	U	U
LF2	P	I	P	I	I	P
LF1	P	I	P	I	I	P
CD1	I	U	P	U	U	U
CD2	I	U	P	U	U	U
CD3	I	U	P	U	U	U
CD4	I	U	P	U	U	U
RP2	U	I	P	I	I	P
RP1	U	P	P	I	I	I
PV1	I	U	P	U	U	U
PV2	P	I	P	I	I	I
STAIR TILE	U	U	I	I	I	I

NOTE: The above is a guideline only. "Possible" indicates that whilst not technically the most suitable profile, it can be used with good results. Please contact Gilt Edge Industries for further clarification. Floor type "Carpet" includes direct and double stick as well as conventional installations.

KEY: I Ideal P Possible U Unsuitable

TO ORDER FREE FAX 0800 103 649

Auckland
37 Fairfax Ave
Penrose
Ph 09 579 7067
Fax 09 579 7064

Auckland
3/7 Colway Place
Glenfield
Ph 09 443 7067
Fax 09 444 0510

Whangarei
2 Mill Road
Ph 0274 364 642

Hamilton
10A Haig Street
Frankton
Ph 07 847 6452
Fax 07 847 6924

Tauranga
36 Fifteenth Avenue
Petone
Ph 07 578 0036
Fax 07 579 0065

Wellington
50 Fitzherbert St
Petone
Ph 04 569 7067
Fax 04 569 7066

Christchurch
110 Antigua Street
Addington
Ph 03 379 7067
Fax 0800 103 649

Dunedin
15 Turakina Rd
South Dunedin
Ph 03 455 7067
Fax 03 455 7069

Nelson
8b Tokomaru Place
Stoke
Ph 0274 387 266
Fax 03 544 5778



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