


Section 1

Stair Edgings & Complementary Trims

Providing the most extensive range in the UK, Gradus stair edgings can help to reduce accidents on stairs as well as helping to provide an 'inclusive' environment giving access to all building users.

Why use a stair edging?



Over **100,000 injuries** are reported on non-domestic stairs each year and the latest HSE figures show that **100 deaths** result directly from falls and trips on stairs.

✓ **Reduce accidents on stairs by:**

Providing slip-resistance at the edge of the step

Providing a visual contrast to highlight the edge of the step

✓ **Protect the step edge and surrounding floorcoverings**

✓ **Reduce maintenance costs**

✓ **Improve the aesthetics of a building**

✓ **Comply with the guidance in**

Approved Document M of The Building Regulations 2000 and

BS 8300:2009+A1:2010 in line with the Equality Act 2010



Follow our 3 step guide to selecting the correct stair edging

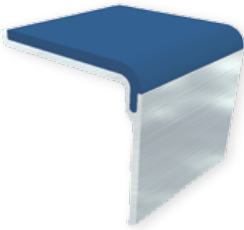
3 step guide

1

Choose the right stair edging for the step

Types of stair edging

XT™



Key features

- Aluminium or PVC-u Hardnose
- Factory bonded extended insert design ensures maximum safety underfoot
- Locking mechanism secures insert in place
- Recess to accommodate floorcovering ensures secure fit of profile to step

Elite™



Key features

- Aluminium or Bronze
- Insert supplied separately to the channel offering a neat, concealed fixing and eliminating the need for screw head cover plugs
- Mechanical lock for insert

Traditional



Key features

- Aluminium, Chrome, Bronze or PVC-u Hardnose
- Factory bonded inserts supplied with capping plugs to conceal screw heads after fixing

Trans-Edge®

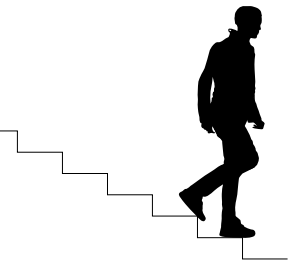


Key features

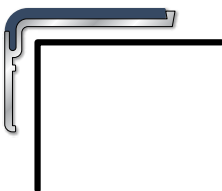
- Aluminium
- TEX range: Factory bonded inserts with visible fixings
- TE range: Factory bonded inserts with capping plugs to conceal screw heads after fixing

Shape of Step

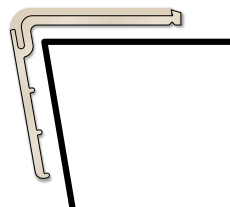
Select the correct stair edging for the step - this should be a tight fit to the step to ensure that the profile does not lift or rock during use. There are four main stair edging shapes to choose from:



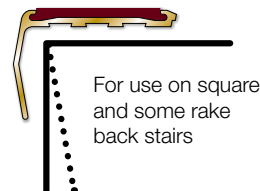
Square



Rake Back

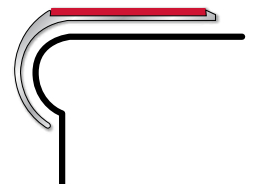


Kinked Face



For use on square and some rake back stairs

Bullnose



3 step guide

1

Choose the right stair edging for the step

Tread (going)

The depth of the tread (going) will also have an influence on the stair edging selected. A study conducted by BRE found that slips on stairs are often as a result of an overstep, especially on narrow treads (less than 300mm). To help reduce the risk of slips in an overstep situation, the **XT range** incorporates a slip-resistant insert that extends around the leading edge of the profile in line with BRE recommendations (see page 139 for more information).

Gradus offers a wide range of profiles to suit different tread sizes:

- **Single channel** – ideal for use on treads up to 300mm deep
- **Double and multiple channels** – suitable for stairs with a large going, especially if they are subject to heavy volumes of foot traffic e.g. railway stations, supermarkets, department stores, secondary and further education establishments and major hospitals.

When specifying double channel stair edgings, both inserts should be of the same colour and be of a contrasting colour to the surrounding floor finish.

Gauge

The gauge (thickness) of the stair edging should be a flush finish to the floorcovering to avoid a trip hazard being created.

When used with soft floorcoverings such as carpet and carpet tile, the gauge should achieve a flush finish with the compressed thickness of the floorcovering.

Gradus offers a range of gauges to suit the majority of commercial floorcoverings (see below).

Gauge	Typically used with
Ramp back	No floorcoverings Resilient floorcoverings – install profile on top of the floorcovering to ensure a safe fit
2mm – 3mm	Resilient floorcoverings
4mm – 5mm	Carpet / Carpet Tile Resilient floorcoverings with a bevelled underlay (see page 48) in heavy use areas
6mm	Carpet / Carpet Tile
7mm – 10mm	Carpet / Wood / Ceramics / Other heavy duty floorcoverings
10mm – 15mm	Ceramics / Stone / Marble

3 step guide

2

Select the correct slip-resistance for the conditions

Slip-resistance & Performance

An insert provides a surface that creates friction between the sole of the shoe and the step edge, hence providing slip-resistance and reducing the risk of slip on stairs. All Gradus inserts are tested for slip-resistance - see page 133.

Where is the stair edging being installed? Ensure the required level of slip-resistance is achieved to reduce the risk of slips and falls on stairs by selecting the correct insert for the environment:

- **Interior installations** - not always dry conditions. Consider whether there is a risk of the stair edging becoming wet and select the correct insert accordingly.
- **Safety flooring** – select an insert that matches or improves the slip-resistant qualities of the flooring.

Types of Insert

The types of Gradus inserts available are detailed in the table below.

The types of stair edgings each insert is available in is also stated.

Gradus inserts are rigorously tested to ensure suitability for use - for further information on Testing see page 133.



Insert Type	Conditions	Applications	Material	Stair Edgings
Xtra-grip	Interior Wet Interior Dry	Increased surface roughness where the stair edging may become wet e.g. stairs close to entrances or where safety flooring is used. Areas where health and safety are a priority e.g. schools and hospitals.	Pvc with mineral aggregate and pvc wear layer.	XT (pages 17-18, 35-36) Traditional (pages 21-27, 31-33, 37-39)
Xtra-grip Plus	Interior Wet Interior Dry	As Xtra-grip, with the addition of an enhanced insert bond system for areas subject to more frequent cleaning e.g. catering and food preparation areas.	Pvc with mineral aggregate and pvc wear layer.	XT (pages 17-18, 35-36) Traditional (pages 21-27, 31-33, 37-39)
Interior	Interior Dry	Areas where there is no risk that the stairs will be contaminated by moisture.	Pvc with mineral inclusion - standard or grained surface.	XT (pages 17-18, 35-36) Elite (pages 19-20, 32) Traditional (pages 21-27, 31-33, 37-39)
Standard Exterior	Exterior	Everyday outdoor use e.g. car park entry / exit steps. Wet barefoot areas e.g. swimming pools.	Rubber composite with aggregate fillers.	Traditional (pages 21-27, 31-33)
Heavy Duty Exterior	Exterior or Interior Heavy Traffic	Extreme exterior conditions / heavy traffic environments e.g. motorway foot bridges, railway stations, airport terminals and sports stadiums	Glass reinforced polyester with fused alumina (TEX). Rubber composite with aggregate fillers (TE).	Trans-Edge (page 29)

3 step guide

3

Choose a colour that visually contrasts

Visual contrast

The stair edging needs to highlight the step edge by providing a visual contrast with the remainder of the tread and riser material along the full width of the stair. This is achieved by providing a 30 point difference on the Light Reflectance Value (LRV) scale between the two surfaces (see pages 134-135 for more information on LRVs).

It is important to achieve a tonal contrast between the floorcovering and the stair edging as people with visual impairments may not be able to see some or all colours but can perceive light and dark. The photographs below show that colour contrast (picture 1) visible to fully-sighted people may not always offer a tonal contrast (picture 2) for partially-sighted people.

Picture 1



Picture 2



All Gradus stair edging channel and insert colours are measured for LRVs in accordance with BS 8493:2008+A1:2010 to help achieve this difference. Gradus PVC-u Hardnose stair edgings can be selected with the channel and insert in the same colour to provide the ideal solution for creating visual contrast, in line with Approved Document M and BS 8300:2009+A1:2010 guidelines (see pages 136-138).



Try our Advanced
Stair Edgings Search

Need help selecting a stair edging?
Visit: www.gradusworld.com
and click-on Stair Edgings & Trims.

Stair Edging Colour Availability

Key: • Available from stock

See pages 14-15 for larger colour swatches

		PVC-u Hardnose XT pages 35-36	PVC-u Hardnose RN page 38	PVC-u Hardnose DDA page 37	PVC-u Hardnose RNRC page 37	PVC-u Hardnose MR page 39	Aluminium XT pages 17-18	Aluminium CXT page 18	Aluminium Elite pages 19-20	Aluminium Traditional pages 21-27	Aluminium Trans-Edge TEX page 29	Aluminium Trans-Edge TE page 29	Chrome page 31	Bronze Elite page 32	Bronze Traditional page 32-33	
INSERT	Interior Standard	● Jet	•	•	•	•	•	•	•	•			•	•	•	
		● Ink	•	•	•	•	•	•	•	•	•			•	•	•
		● Midnight		•	•	•	•							•	•	•
		● Burgundy	•	•	•	•	•	•	•	•	•			•	•	•
		● Evergreen		•	•	•	•							•	•	•
		● Coffee	•	•	•	•	•	•	•	•	•			•	•	•
		● Nutmeg		•	•	•	•							•	•	•
		● Ocean		•	•	•	•							•	•	•
		● Lead	•	•	•	•	•	•	•	•	•			•	•	•
		● Cloud		•	•	•	•							•	•	•
		● Steel	•	•	•	•	•	•	•	•	•			•	•	•
		● Linen		•	•	•	•							•	•	•
		● Glacier	•	•	•	•	•	•	•	•	•			•	•	•
		● Canvas	•	•	•	•	•	•	•	•	•			•	•	•
		● Buttercup	•	•	•	•	•	•	•	•	•			•	•	•
		● Snowdrift	•	•	•	•	•	•	•	•	•			•	•	•
		● Poppy		•	•	•	•	•	•	•	•			•	•	•
		● Clay	•													
● Jade	•															
● Sky	•															
● Duckegg	•															
● Photoluminescent			•	•	•	•				•*			•		•*	
Interior Grained	● Black		•	•	•	•				•			•		•	
	● Brown		•	•	•	•				•			•		•	
	● Granite		•	•	•	•				•			•		•	
	● Dove		•	•	•	•				•			•		•	
Xtra-grip & Xtra-grip Plus	● Carbon / Raven	•	•	•	•	•	•	•**		•			•		•	
	● Deepsea / Navy	•	•	•	•	•	•	•**		•			•		•	
	● Rock / Marl	•	•	•	•	•	•	•**		•			•		•	
	● Pebble / Cliff	•	•	•	•	•	•	•**		•			•		•	
	● Vapour / Lunar	•	•	•	•	•	•	•**		•			•		•	
	● Oat / Bone	•	•	•	•	•	•	•**		•			•		•	
	● Zest / Sulphur	•	•	•	•	•	•	•**		•			•		•	
	● Iceberg / Diamond	•	•	•	•	•	•	•**		•			•		•	
	● Truffle / Conker	•	•	•	•	•	•	•**		•			•		•	
	● Breeze / Meltwater	•	•	•	•	•	•	•**		•			•		•	
● Pampas / Vine	•	•	•	•	•	•	•**		•			•		•		
Standard Exterior	● Nightsky									•					•	
	● Sunrise									•					•	
	● Nebula									•					•	
Heavy Duty Exterior	● Black											•				
	● Yellow											•				
	● White											•				
	● Charcoal										•					
	● Ash										•					
	● Corn										•					
● Avalanche										•						
CHANNEL	Hardnose	● Bluebell		•	•											
		● Black	•	•	•	•										
		● Brown	•	•	•	•										
		● Granite	•	•	•	•										
		● Dove	•	•	•	•										
		● Ink	•	•	•	•										
		● Midnight		•	•	•										
		● Burgundy	•	•	•	•										
		● Evergreen		•	•	•										
		● Nutmeg		•	•	•										
		● Linen		•	•	•										
		● Glacier	•	•	•	•										
		● Canvas	•	•	•	•										
		● Buttercup	•	•	•	•										
	● Snowdrift	•	•	•	•											
	● Clay	•														
	● Jade	•														
	● Sky	•														
● Duckegg	•															
Metallic Hardnose	● Burnt Almond					•										
	● Zinc					•										
	● Doubloon					•										
	● Silver					•										



For guidance on selecting matching channel and insert colours that provide visual contrast on both the tread and riser, see pages 134-135.

* AS19, G65, BGR121 are not available with Photoluminescent insert. ** CXT profiles: Xtra-grip Plus only.

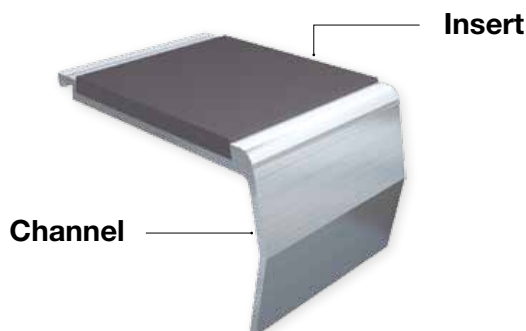
Stair Edging Colours

The range of stair edging colours from Gradus provides a comprehensive solution allowing specifiers and users to achieve visual contrast in line with recommendations in The Building Regulations 2000 - Approved Document M - "Access to and use of buildings" and BS 8300:2009+A1:2010 (see pages 136-138). The colours have been developed to provide a wide choice of visual contrast with matching colours for both insert and Hardnose channel. All colours have been measured for light reflectance/visual contrast (LRV using the CIE Y value).














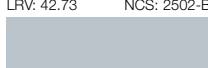

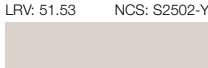
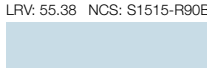

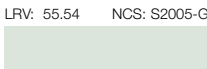
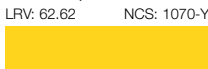
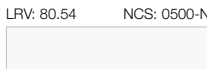
For guidance on selecting matching channel and insert colours that provide visual contrast on both the tread and riser, see pages 134-135.

For channel and insert availability by range see individual profile pages.




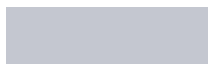


Channel Colours


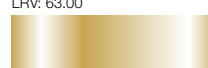

PVC-u Hardnose™ Satin Finish

Black LRV: 4.99 NCS: 8502-B 	Ink LRV: 5.40 NCS: 8010-R70B 	Burgundy LRV: 5.89 NCS: 6030-R10B 	Evergreen LRV: 6.63 NCS: 7020-B70G 
Midnight LRV: 6.77 NCS: 6030-R80B 	Brown LRV: 7.15 NCS: 6010-Y70R 	Bluebell LRV: 9.76 NCS: 5030-R90B 	Granite LRV: 11.69 NCS: 6502-R 
Nutmeg LRV: 13.21 NCS: 6020-Y80R 	Dove LRV: 26.19 NCS: 5000-N 	Linen LRV: 37.50 NCS: 3010-Y30R 	Glacier LRV: 42.73 NCS: 2502-B 
Duckegg LRV: 51.46 NCS: S2010-B10G 	Clay LRV: 51.53 NCS: S2502-Y 	Sky LRV: 55.38 NCS: S1515-R90B 	Canvas LRV: 55.43 NCS: 2005-Y30R 
Jade LRV: 55.54 NCS: S2005-G 	Buttercup LRV: 62.62 NCS: 1070-Y 	Snowdrift LRV: 80.54 NCS: 0500-N 	






PVC-u Hardnose™ Metallic Finish

Burnt Almond LRV: 9.92 NCS: 7010-Y50R 	Zinc LRV: 15.91 NCS: 6005-R80B 	Doublon LRV: 22.01 NCS: 4020-Y 	Silver LRV: 48.29 NCS: 2005-R80B 
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Metals

Aluminium LRV: 67.66 
Bronze LRV: 63.00 
Chrome LRV: 49.79 

Flexible Pvc

Black LRV: 4.56 NCS: 8502-B 
Brown LRV: 6.05 NCS: 8010-Y50R 
Granite LRV: 12.77 NCS: 7005-R50B 
Dove LRV: 26.99 NCS: 4500-N 
Snowdrift LRV: 83.77 NCS: 0500-N 

NCS Colour References



Gradus is a member of NCS (Natural Colour System) and utilises the NCS reference codes shown above each colour. For further information visit www.ncscolour.co.uk

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Please note: Due to the limitations of the printing process, colours within this catalogue should not be relied upon for colour matching. An accurate colour match can only be achieved by requesting the relevant product sample(s) from Gradus Technical Support on 01625 428922.

Insert Colours

Xtra-grip™

Carbon

LRV: 5.01 NCS: 8502-B



Deepsea

LRV: 5.94 NCS: 8010-R70B



Truffle

LRV: 7.85 NCS: 8010-Y50R



Rock

LRV: 10.91 NCS: 7005-R50B



Pebble

LRV: 27.61 NCS: 4500-N



Vapour

LRV: 39.74 NCS: 2502-B



Oat

LRV: 50.66 NCS: 2005-Y30R



Zest

LRV: 51.11 NCS: 1070-Y



Breeze

LRV: 51.13 NCS: S1515-R90B



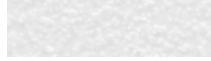
Pampas

LRV: 53.04 NCS: S2005-G



Iceberg

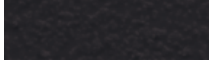
LRV: 81.58 NCS: 0500-N



Xtra-grip Plus™

Raven

LRV: 5.01 NCS: 8502-B



Navy

LRV: 5.94 NCS: 8010-R70B



Conker

LRV: 7.85 NCS: 8010-Y50R



Marl

LRV: 10.91 NCS: 7005-R50B



Cliff

LRV: 27.61 NCS: 4500-N



Lunar

LRV: 39.74 NCS: 2502-B



Bone

LRV: 50.66 NCS: 2005-Y30R



Sulphur

LRV: 51.11 NCS: 1070-Y



Meltwater

LRV: 51.13 NCS: S1515-R90B



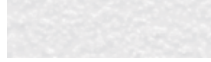
Vine

LRV: 53.04 NCS: S2005-G



Diamond

LRV: 81.58 NCS: 0500-N



Interior Standard Finish

Jet

LRV: 4.56 NCS: 8502-B



Ink

LRV: 4.96 NCS: 8010-R70B



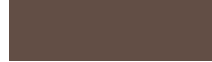
Burgundy

LRV: 5.70 NCS: 6030-R10B



Coffee

LRV: 6.05 NCS: 8010-Y50R



Midnight

LRV: 6.56 NCS: 6030-R80B



Evergreen

LRV: 6.69 NCS: 7020-B70G



Ocean

LRV: 8.00 NCS: 6020-R90B



Nutmeg

LRV: 8.15 NCS: 6020-Y80R



Poppy

LRV: 10.39 NCS: 2070-R



Lead

LRV: 12.77 NCS: 7005-R50B



Steel

LRV: 26.99 NCS: 4500-N



Cloud

LRV: 28.57 NCS: 4010-R70B



Linen

LRV: 38.59 NCS: 3010-Y30R



Glacier

LRV: 42.09 NCS: 2502-B



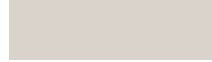
Duckegg

LRV: 47.72 NCS: S2010-B10G



Clay

LRV: 47.97 NCS: S2502-Y



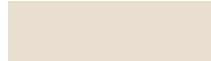
Sky

LRV: 52.63 NCS: S1515-R90B



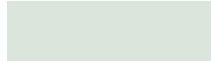
Canvas

LRV: 53.27 NCS: 2005-Y30R



Jade

LRV: 53.98 NCS: S2005-G



Buttercup

LRV: 55.54 NCS: 1070-Y



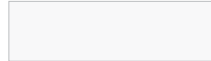
Photoluminescent

LRV: 57.59 - lit conditions



Snowdrift

LRV: 83.77 NCS: 0500-N



Black

LRV: 6.47 NCS: 7502-B



Brown

LRV: 12.13 NCS: 6010-Y70R



Granite

LRV: 13.44 NCS: 6502-R



Dove

LRV: 23.40 NCS: 5000-N



Standard Exterior

Nightsky

LRV: 4.55



Sunrise

LRV: 46.38



Nebula

LRV: 65.71



Heavy Duty Exterior

Black

LRV: 3.70



Yellow

LRV: 44.92



White

LRV: 58.38



Charcoal

LRV: 4.07



Corn

LRV: 31.28



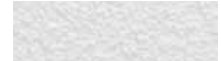
Ash

LRV: 24.77



Avalanche

LRV: 73.00



Interior Grained Finish

Black

LRV: 6.47 NCS: 7502-B



Brown

LRV: 12.13 NCS: 6010-Y70R



Granite

LRV: 13.44 NCS: 6502-R



Dove

LRV: 23.40 NCS: 5000-N



Aluminium - Stair Edgings



An extensive range of attractive and hardwearing stair edgings comprising aluminium channels with a choice of slip-resistant inserts. Used in conjunction with floorcoverings from all major manufacturers. Suitable for all commercial and most industrial applications.

Choice of Profile:

- XT range
- Elite range
- Traditional range



Try our Advanced
Stair Edgings Search

Need help selecting a stair edging?
Visit: www.gradusworld.com
and click-on Stair Edgings & Trims.

Information:

- For guidance on the correct selection of stair edgings see pages 8 to 12.
- For larger colour swatches, Light Reflectance Values (LRVs) and NCS references see pages 14 to 15.



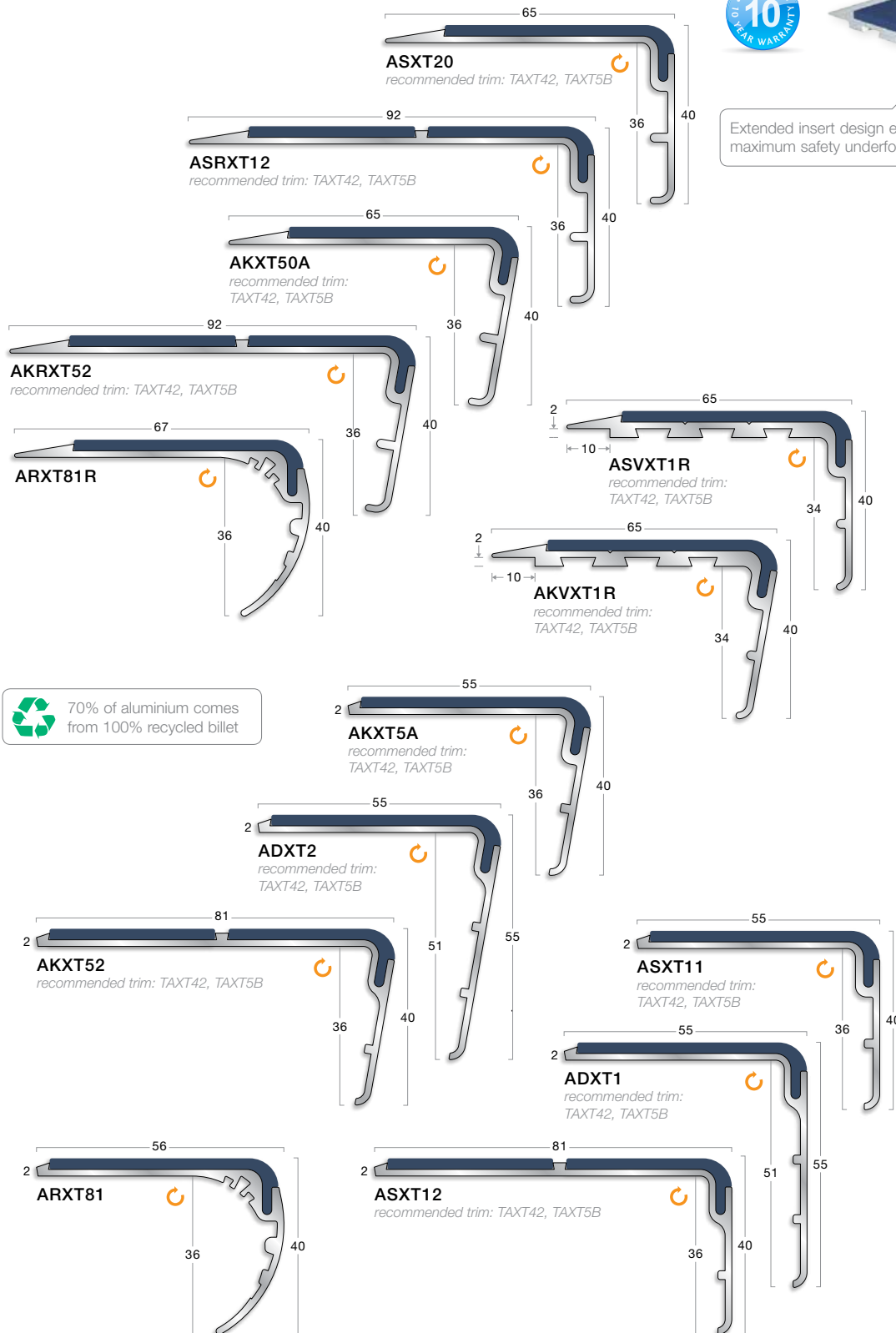
Profile can be curved subject to approval of template - contact Gradus Technical Support for further information.



Visit: www.gradusworld.com to download: AutoCAD drawings, Gradus & NBS Specifications, Cleaning & Maintenance, Installation Guidelines and Health & Safety Data Sheets.



Extended insert design ensures maximum safety underfoot



70% of aluminium comes from 100% recycled billet

Channel:

Aluminium

Insert options:

Xtra-grip:

- Carbon
- Deepsea
- Truffle
- Rock
- Pebble
- Pampas
- Breeze
- Vapour
- Oat
- Zest
- Iceberg

Xtra-grip Plus:

- Raven
- Navy
- Conker
- Marl
- Cliff
- Vine
- Meltwater
- Lunar
- Bone
- Sulphur
- Diamond

Interior:

- Jet
- Ink
- Burgundy
- Coffee
- Lead
- Steel
- Glacier
- Canvas
- Clay
- Sky
- Duckegg
- Jade
- Buttercup
- Snowdrift



For guidance on the correct selection of stair edgings and inserts see pages 8 to 12.

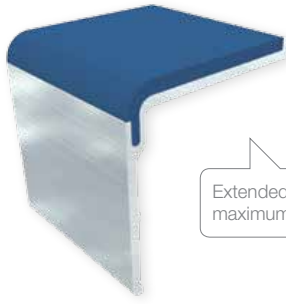
Colour For larger colour swatches, Light Reflectance Values (LRVs) and NCS references see pages 14 to 15.

Gauge Ramp - typically used with resilient flooring or where no surface floorcoverings are used.
2mm - typically used with resilient flooring.

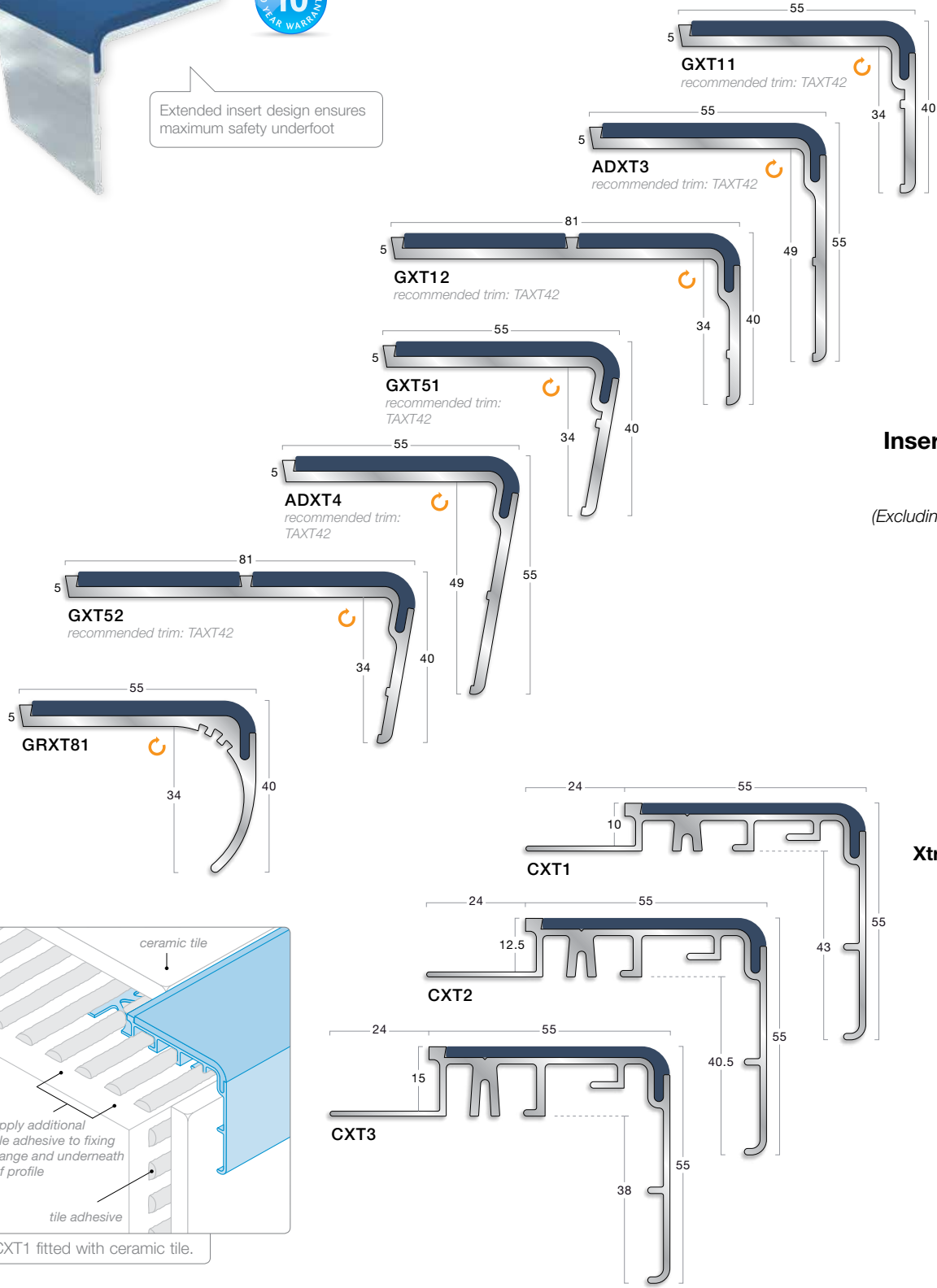
Trims For recommended trims see individual profiles. For further information on trims see pages 42 to 49.

Profiles Dimensions shown are nominal. Illustrations are 70% size in mm.
Products subject to minor design alterations without notice. UK patent GB2433437B.
Registered Community Design no 000465950 and 001102875.

XT™ - Aluminium



Extended insert design ensures maximum safety underfoot



Channel:

Aluminium

Insert options:

Xtra-grip:

(Excluding CXT profiles)

- Carbon
- Deepsea
- Truffle
- Rock
- Pebble
- Pampas
- Breeze
- Vapour
- Oat
- Zest
- Iceberg

Xtra-grip Plus:

- Raven
- Navy
- Conker
- Marl
- Cliff
- Vine
- Meltwater
- Lunar
- Bone
- Sulphur
- Diamond

Interior:

- Jet
- Ink
- Burgundy
- Coffee
- Lead
- Steel
- Glacier
- Canvas
- Clay
- Sky
- Duckegg
- Jade
- Buttercup
- Snowdrift



For guidance on the correct selection of stair edgings and inserts see pages 8 to 12.

Colour For larger colour swatches, Light Reflectance Values (LRVs) and NCS references see pages 14 to 15.

Gauge 5mm - typically used with carpet or resilient flooring with bevelled underlay (see page 48) in heavy use areas.
10mm - 15mm - typically used with ceramics, stone and marble.

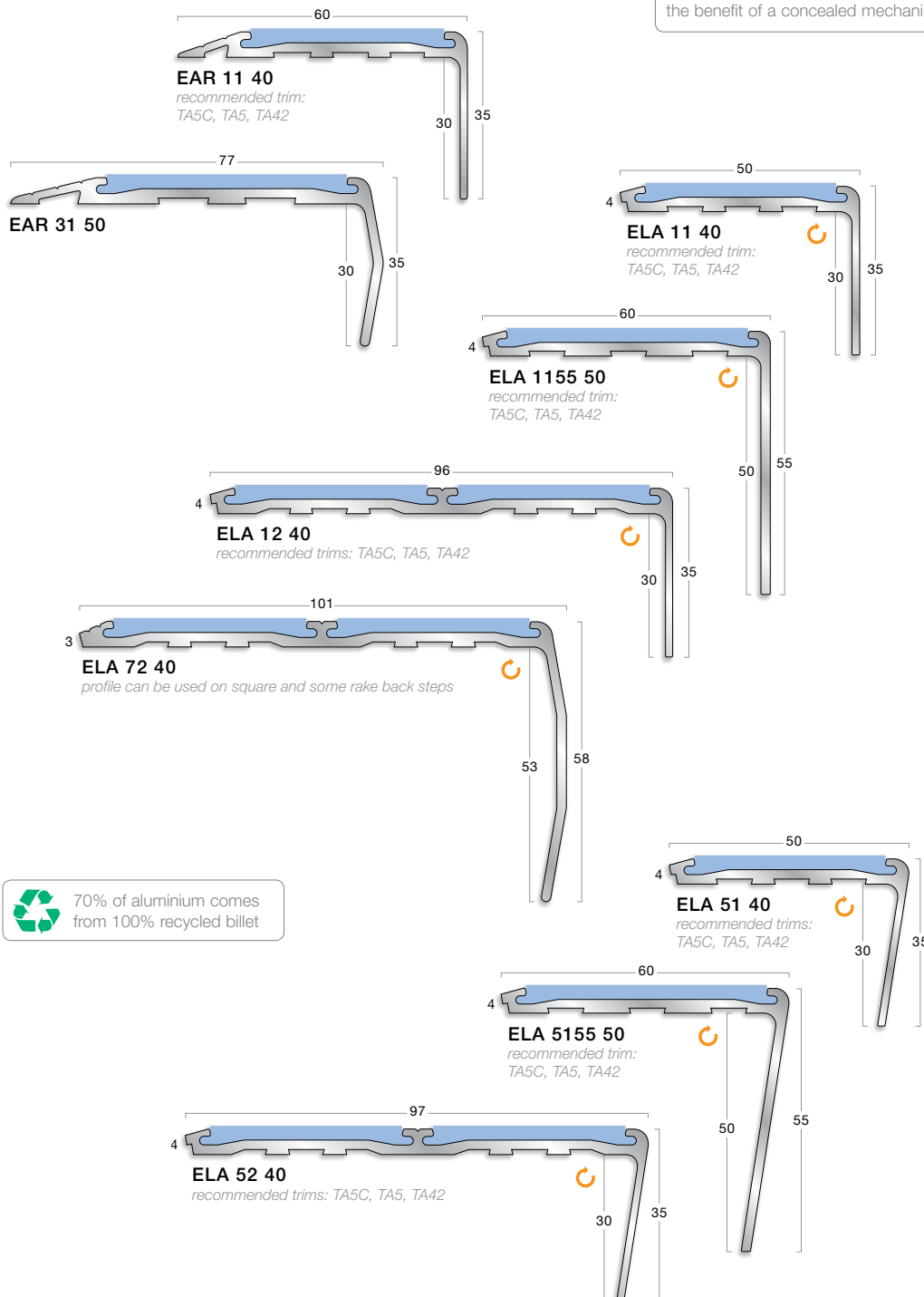
Trims For recommended trims see individual profiles. For further information on trims see pages 42 to 49.

Profiles Dimensions shown are nominal. Illustrations are 70% size in mm. Products subject to minor design alterations without notice. UK patent GB2433437B. Registered Community Design no 000465950 and 001102875.



Can be curved
see page 16

Elite stair edgings offer a secured insert with the benefit of a concealed mechanical fixing



70% of aluminium comes from 100% recycled billet

Elite Insert is supplied separately from the channel and must be specified separately.

The final 2 digits in the profile code indicate the width of insert required.
ELINS40 (40mm),
ELINS50 (50mm).

Channel:

Aluminium

Insert options:

Interior:

- Jet
- Ink
- Midnight
- Burgundy
- Evergreen
- Coffee
- Nutmeg
- Ocean
- Lead
- Cloud
- Steel
- Linen
- Glacier
- Canvas
- Buttercup
- Poppy
- Snowdrift



For guidance on the correct selection of stair edgings and inserts see pages 8 to 12.

Colour For larger colour swatches, Light Reflectance Values (LRVs) and NCS references see pages 14 to 15.

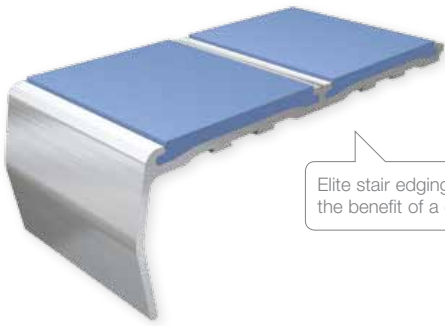
Gauge Ramp - typically used with resilient flooring or where no surface floorcoverings are used.

3mm - 4mm - typically used with carpet or resilient flooring with bevelled underlay in heavy use areas.

Trims For recommended trims see individual profiles. For further information on trims see pages 42 to 49.

Profiles Dimensions shown are nominal. Illustrations are 70% size in mm. Products subject to minor design alterations without notice.

Elite™ - Aluminium



Elite stair edgings offer a secured insert with the benefit of a concealed mechanical fixing

Elite Insert is supplied separately from the channel and must be specified separately.

The final 2 digits in the profile code indicate the width of insert required.

ELINS40 (40mm),
ELINS50 (50mm).

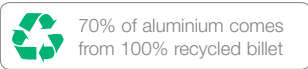
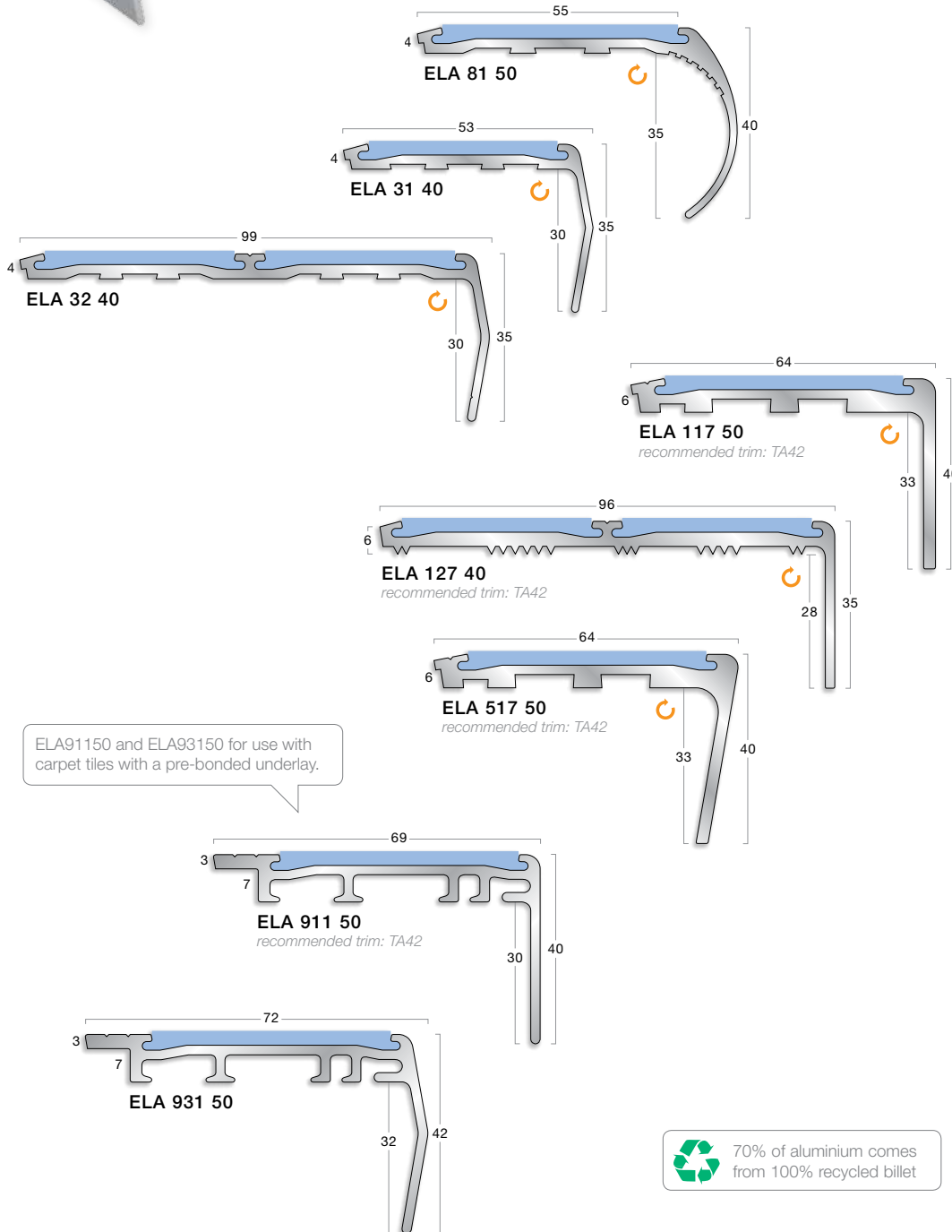
Channel:

Aluminium

Insert options:

Interior:

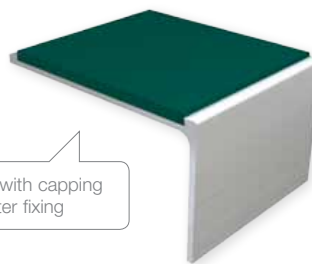
- Jet
- Ink
- Midnight
- Burgundy
- Evergreen
- Coffee
- Nutmeg
- Ocean
- Lead
- Cloud
- Steel
- Linen
- Glacier
- Canvas
- Buttercup
- Poppy
- Snowdrift



For guidance on the correct selection of stair edgings and inserts see pages 8 to 12.

Colour	For larger colour swatches, Light Reflectance Values (LRVs) ratings and NCS references see pages 14 to 15.
Gauge	4mm - 6mm - typically used with carpet or resilient flooring with bevelled underlay (see page 48) in heavy use areas. 7mm - 10mm - typically used with carpet tiles with a pre-bonded underlay.
Trims	For recommended trims see individual profiles. For further information on trims see pages 42 to 49.
Profiles	Dimensions shown are nominal. Illustrations are 70% size in mm. Products subject to minor design alterations without notice.

Traditional - Aluminium A range



Channel:

Aluminium

Insert options:

Xtra-grip:

- Carbon
- Deepsea
- Truffle
- Rock
- Pebble
- Pampas
- Breeze
- Vapour
- Oat
- Zest
- Iceberg

Xtra-grip Plus:

- Raven
- Navy
- Conker
- Marl
- Cliff
- Vine
- Meltwater
- Lunar
- Bone
- Sulphur
- Diamond

Interior:

- Jet
- Ink
- Midnight
- Burgundy
- Evergreen
- Coffee
- Nutmeg
- Ocean
- Lead
- Cloud
- Steel
- Linen
- Glacier
- Canvas
- Buttercup
- Poppy
- Photoluminescent
- Snowdrift

Interior Grained:

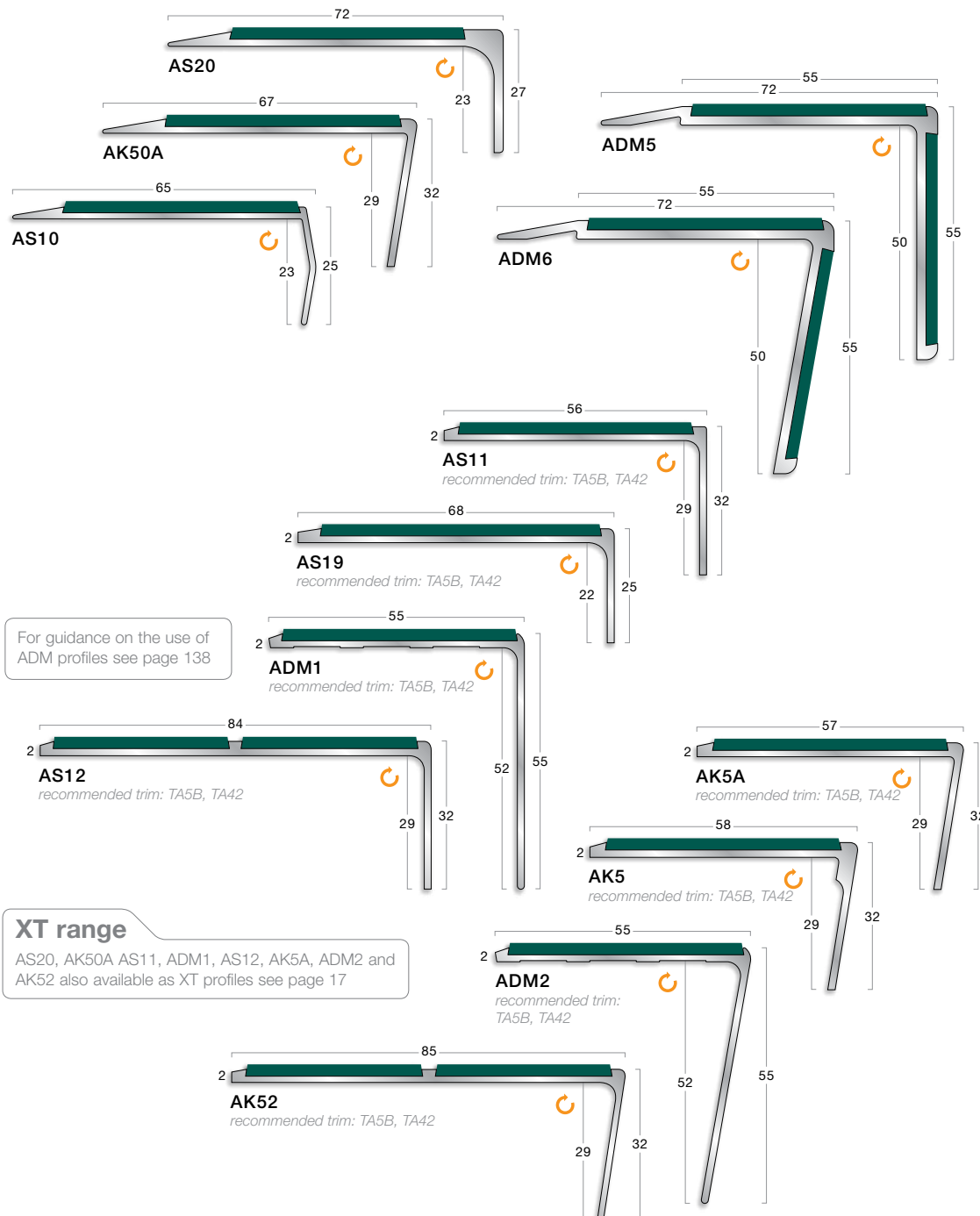
- Black
- Brown
- Granite
- Dove

Exterior:

- Nightsky
- Sunrise
- Nebula

Can be curved see page 16

Factory bonded inserts supplied with capping plugs to conceal screw heads after fixing



For guidance on the use of ADM profiles see page 138

XT range
AS20, AK50A, AS11, ADM1, AS12, AK5A, ADM2 and AK52 also available as XT profiles see page 17



For guidance on the correct selection of stair edgings and inserts see pages 8 to 12.

Colour	For larger colour swatches, Light Reflectance Values (LRVs) and NCS references see pages 14 to 15.
Gauge	Ramp - typically used with resilient flooring or where no surface floorcoverings are used. 2mm - typically used with resilient flooring.
Trims	For recommended trims see individual profiles. For further information on trims see pages 42 to 49.
Profiles	Dimensions shown are nominal. Illustrations are 70% size in mm. Products subject to minor design alterations without notice. ADM profiles - Community Design Registration no 000113899

Traditional - Aluminium A range



Factory bonded inserts supplied with capping plugs to conceal screw heads after fixing

Channel:

Aluminium

Insert options:

Xtra-grip:

- Carbon
- Deepsea
- Truffle
- Rock
- Pebble
- Pampas
- Breeze
- Vapour
- Oat
- Zest
- Iceberg

Xtra-grip Plus:

- Raven
- Navy
- Conker
- Marl
- Cliff
- Vine
- Meltwater
- Lunar
- Bone
- Sulphur
- Diamond

Interior:

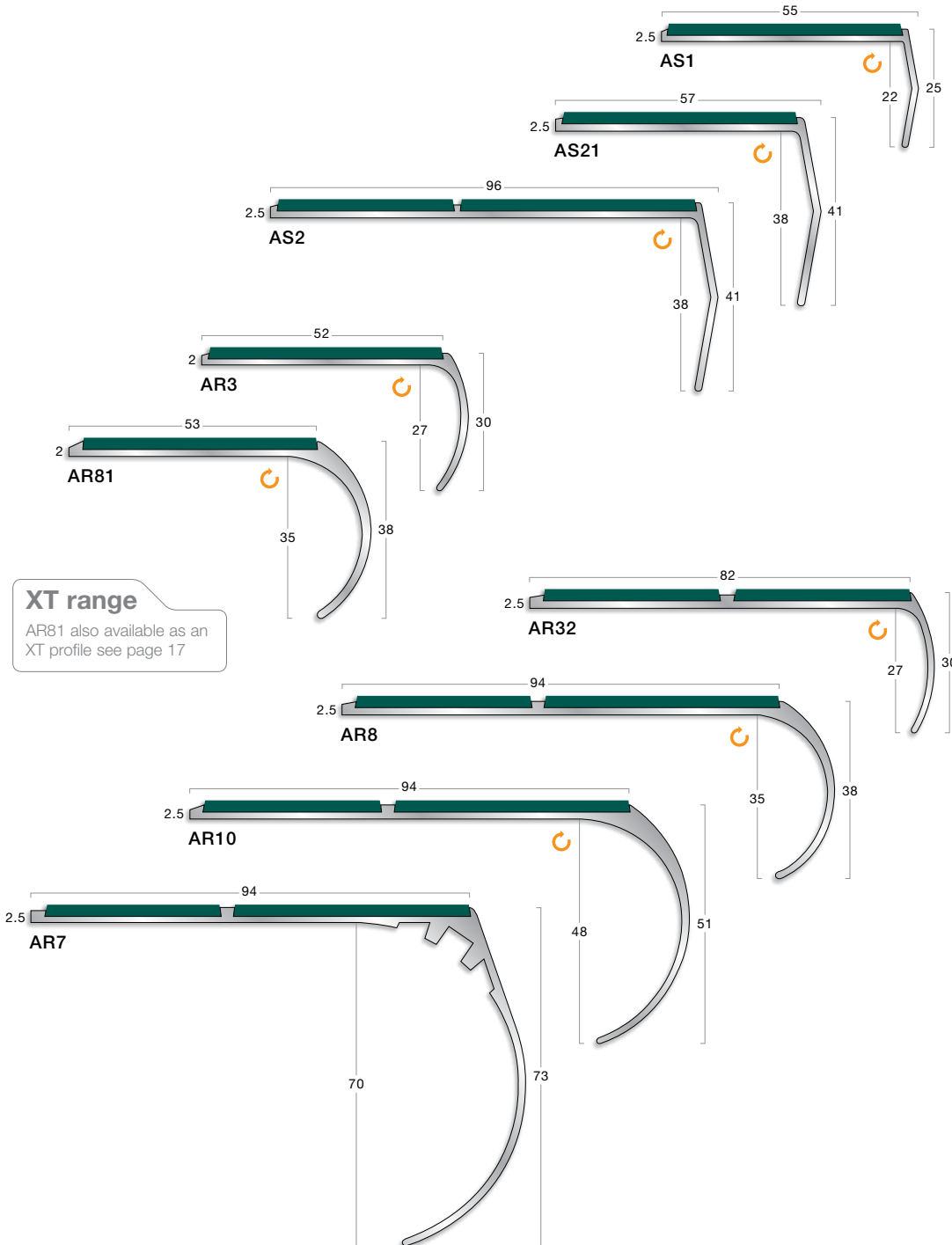
- Jet
- Ink
- Midnight
- Burgundy
- Evergreen
- Coffee
- Nutmeg
- Ocean
- Lead
- Cloud
- Steel
- Linen
- Glacier
- Canvas
- Buttercup
- Poppy
- Photoluminescent
- Snowdrift

Interior Grained:

- Black
- Brown
- Granite
- Dove

Exterior:

- Nightsky
- Sunrise
- Nebula



XT range

AR81 also available as an XT profile see page 17



For guidance on the correct selection of stair edgings and inserts see pages 8 to 12.

Colour For larger colour swatches, Light Reflectance Values (LRVs) and NCS references see pages 14 to 15.

Gauge 2mm - 2.5mm - typically used with resilient flooring.

Trims For recommended trims see individual profiles. For further information on trims see pages 42 to 49.

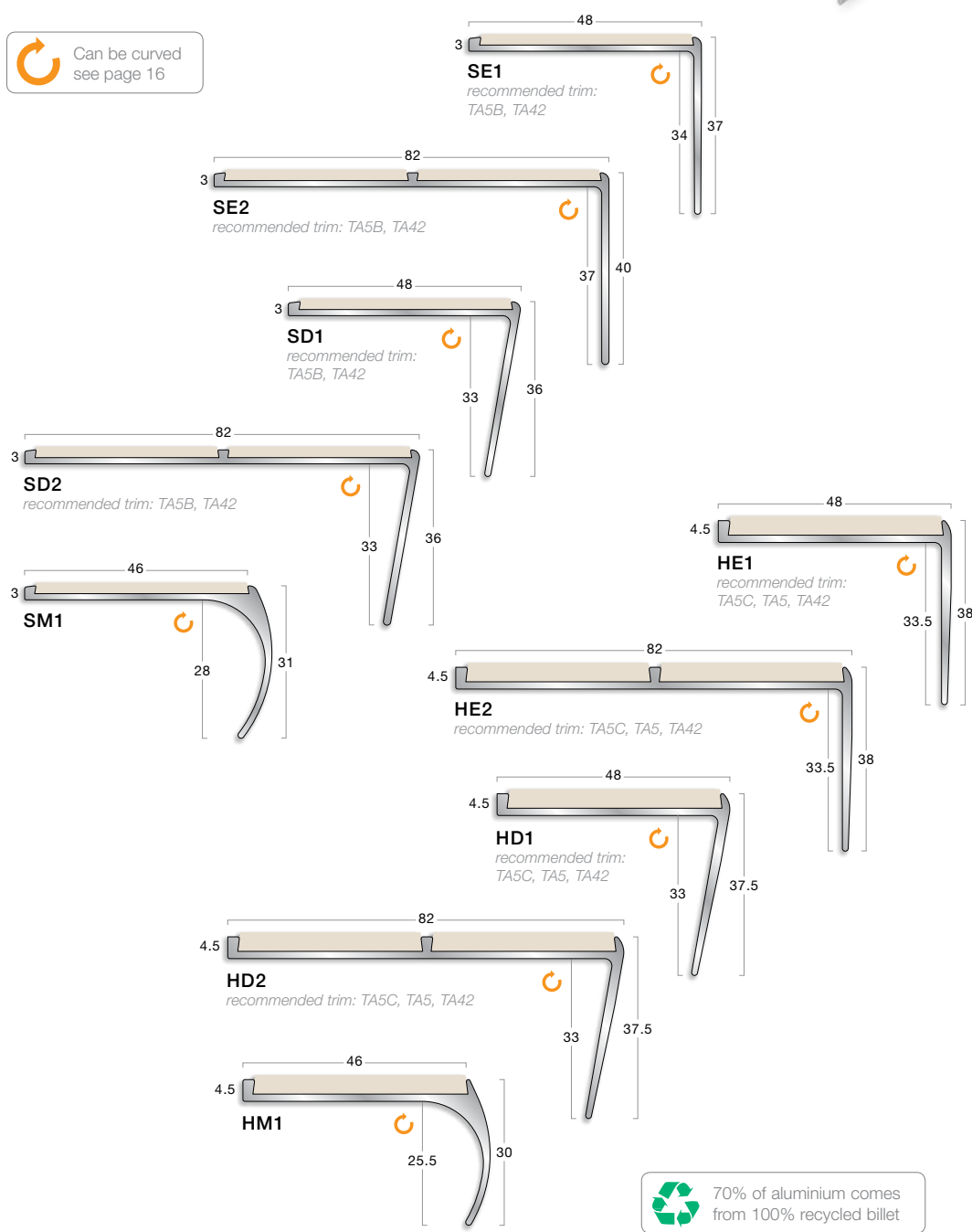
Profiles Dimensions shown are nominal. Illustrations are 70% size in mm. Products subject to minor design alterations without notice.

Traditional - Aluminium S + H range



Factory bonded inserts supplied with capping plugs to conceal screw heads after fixing

Can be curved see page 16



70% of aluminium comes from 100% recycled billet

Channel:

Aluminium

Insert options:

Xtra-grip:

- Carbon
- Deepsea
- Truffle
- Rock
- Pebble
- Pampas
- Breeze
- Vapour
- Oat
- Zest
- Iceberg

Xtra-grip Plus:

- Raven
- Navy
- Conker
- Marl
- Cliff
- Vine
- Meltwater
- Lunar
- Bone
- Sulphur
- Diamond

Interior:

- Jet
- Ink
- Midnight
- Burgundy
- Evergreen
- Coffee
- Nutmeg
- Ocean
- Lead
- Cloud
- Steel
- Linen
- Glacier
- Canvas
- Buttercup
- Poppy
- Photoluminescent
- Snowdrift

Interior Grained:

- Black
- Brown
- Granite
- Dove

Exterior:

- Night sky
- Sunrise
- Nebula



For guidance on the correct selection of stair edgings and inserts see pages 8 to 12.

Colour For larger colour swatches, Light Reflectance Values (LRVs) and NCS references see pages 14 to 15.

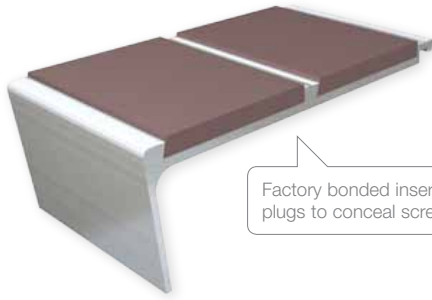
Gauge 3mm - typically used with resilient flooring.

4.5mm - typically used with carpet or resilient flooring with bevelled underlay in heavy use areas.

Trims For recommended trims see individual profiles. For further information on trims see pages 42 to 49.

Profiles Dimensions shown are nominal. Illustrations are 70% size in mm. Products subject to minor design alterations without notice.

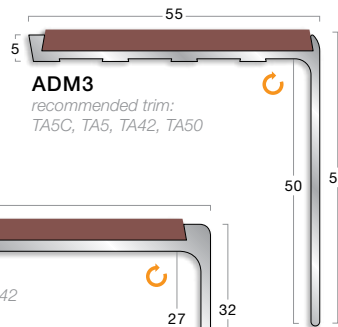
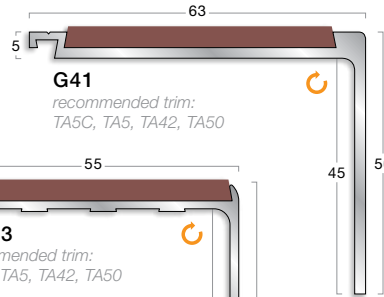
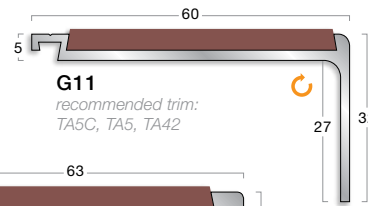
Traditional - Aluminium G range



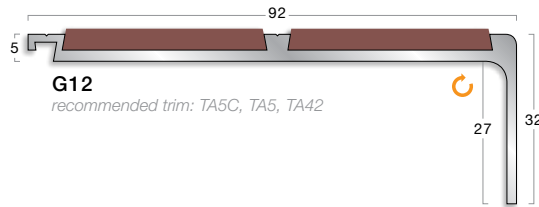
Factory bonded inserts supplied with capping plugs to conceal screw heads after fixing

XT range

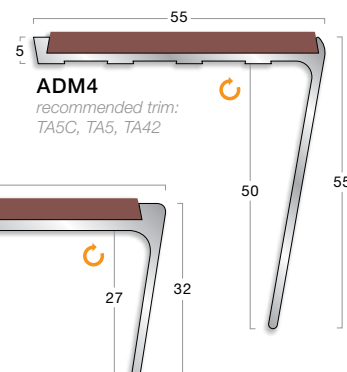
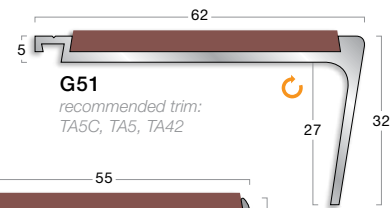
G11, ADM3, G12, G51, ADM4 and G52 also available as XT profiles see page 18



Can be curved see page 16

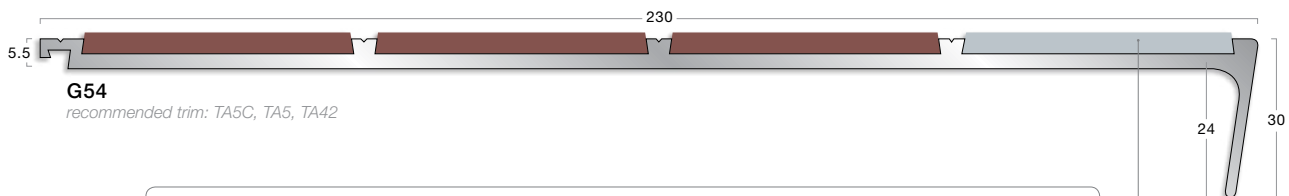
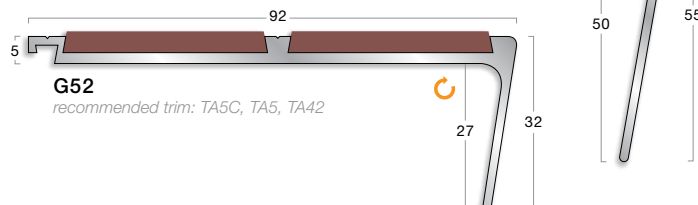


For guidance on the use of ADM profiles see page 136



TA9
Aluminium

Use TA9 to create a ramp back for G range stair edgings see page 48



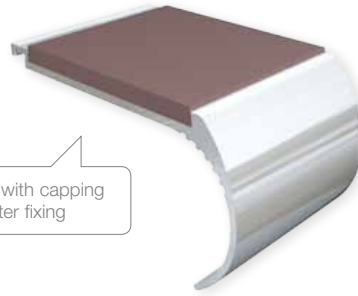
Front insert should always be in a visually contrasting colour to the remaining inserts to ensure definition of the step edge. The remaining inserts must always be of the same colour and ideally match the surrounding floorcovering. The colours selected must contrast by 30 points on the LRV scale - see page 15 for insert LRVs.



For guidance on the correct selection of stair edgings and inserts see pages 8 to 12.

Colour	For larger colour swatches, Light Reflectance Values (LRVs) and NCS references see pages 14 to 15.
Gauge	5mm - 5.5mm - typically used with carpet or resilient flooring with bevelled underlay (see page 48) in heavy use areas.
Trims	For recommended trims see individual profiles. For further information on trims see pages 42 to 49.
Profiles	Dimensions shown are nominal. Illustrations are 70% size in mm. Products subject to minor design alterations without notice. ADM3 and ADM4 - Community Design Registration no 000113899

Traditional - Aluminium G range



Channel:

Aluminium

Insert options:

Xtra-grip:

- Carbon
- Deepsea
- Truffle
- Rock
- Pebble
- Pampas
- Breeze
- Vapour
- Oat
- Zest
- Iceberg

Xtra-grip Plus:

- Raven
- Navy
- Conker
- Marl
- Cliff
- Vine
- Meltwater
- Lunar
- Bone
- Sulphur
- Diamond

Interior:

- Jet
- Ink
- Midnight
- Burgundy
- Evergreen
- Coffee
- Nutmeg
- Ocean
- Lead
- Cloud
- Steel
- Linen
- Glacier
- Canvas
- Buttercup
- Poppy
- Photoluminescent
- Snowdrift

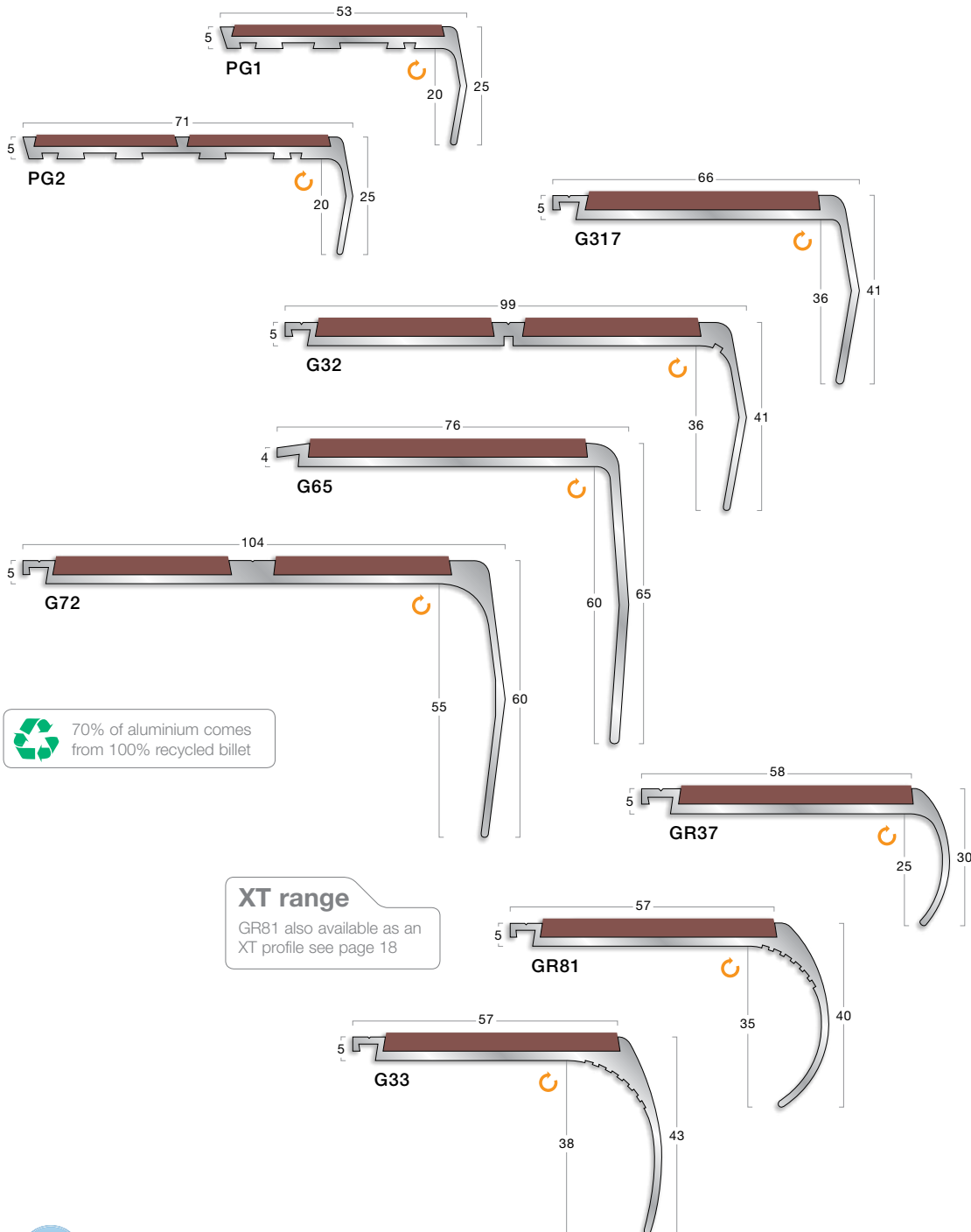
Interior Grained:

- Black
- Brown
- Granite
- Dove

Exterior:

- Nightsky
- Sunrise
- Nebula

Factory bonded inserts supplied with capping plugs to conceal screw heads after fixing



70% of aluminium comes from 100% recycled billet

XT range

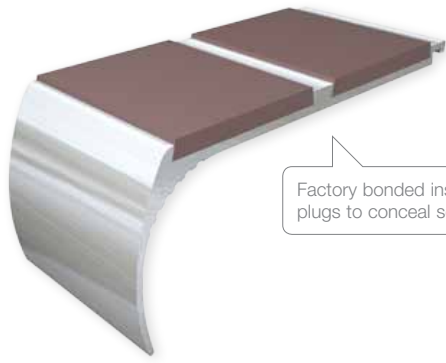
GR81 also available as an XT profile see page 18



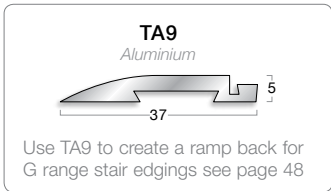
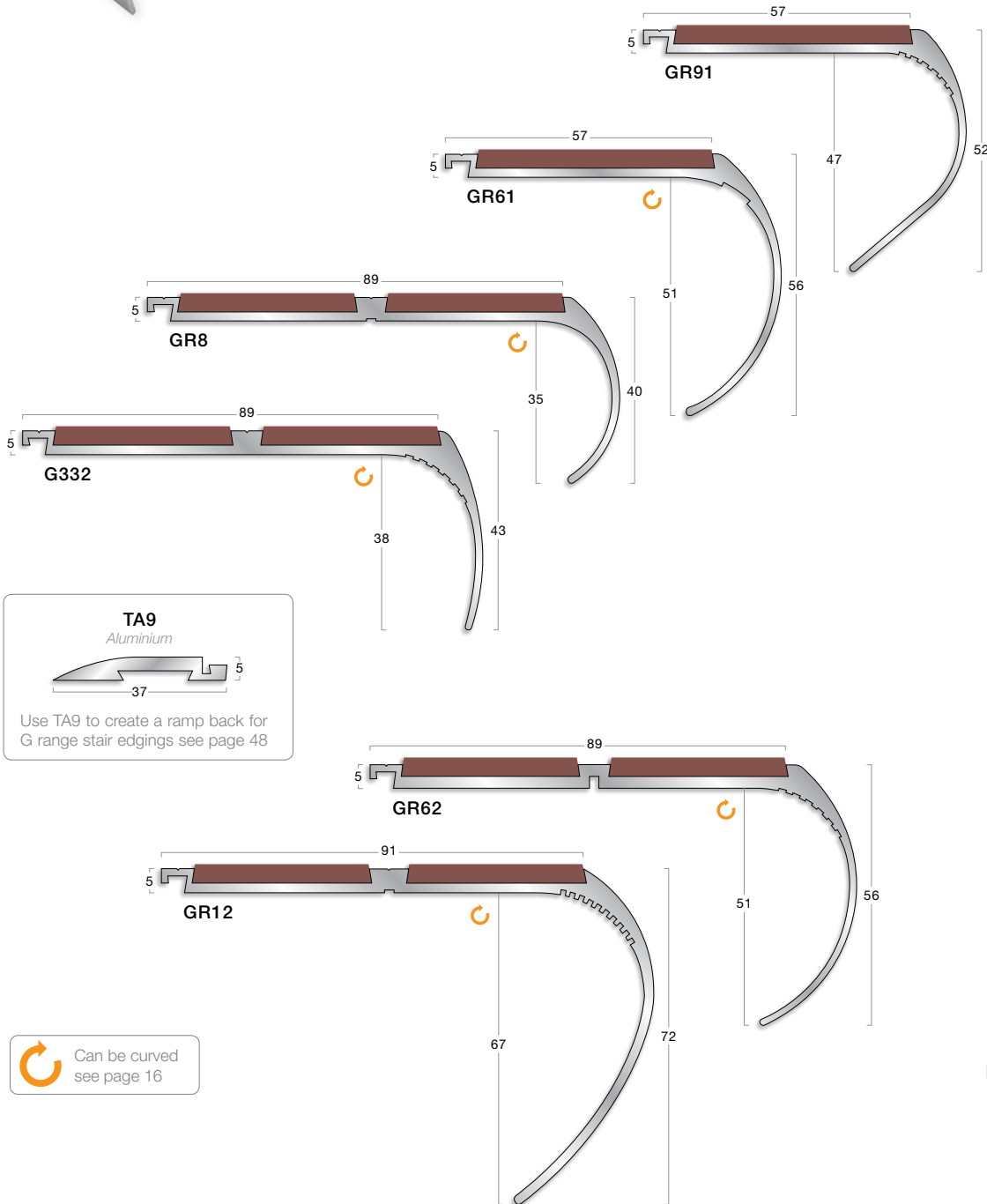
For guidance on the correct selection of stair edgings and inserts see pages 8 to 12.

Colour	For larger colour swatches, Light Reflectance Values (LRVs) and NCS references see pages 14 to 15.
Gauge	4mm - 5mm - typically used with carpet or resilient flooring with bevelled underlay (see page 48) in heavy use areas.
Trims	For recommended trims see individual profiles. For further information on trims see pages 42 to 49.
Profiles	Dimensions shown are nominal. Illustrations are 70% size in mm. Products subject to minor design alterations without notice.

Traditional - Aluminium G range



Factory bonded inserts supplied with capping plugs to conceal screw heads after fixing



Can be curved see page 16

Channel:

Aluminium

Insert options:

Xtra-grip:

- Carbon
- Deepsea
- Truffle
- Rock
- Pebble
- Pampas
- Breeze
- Vapour
- Oat
- Zest
- Iceberg

Xtra-grip Plus:

- Raven
- Navy
- Conker
- Marl
- Cliff
- Vine
- Meltwater
- Lunar
- Bone
- Sulphur
- Diamond

Interior:

- Jet
- Ink
- Midnight
- Burgundy
- Evergreen
- Coffee
- Nutmeg
- Ocean
- Lead
- Cloud
- Steel
- Linen
- Glacier
- Canvas
- Buttercup
- Poppy
- Photoluminescent
- Snowdrift

Interior Grained:

- Black
- Brown
- Granite
- Dove

Exterior:

- Nightsky
- Sunrise
- Nebula



For guidance on the correct selection of stair edgings and inserts see pages 8 to 12.

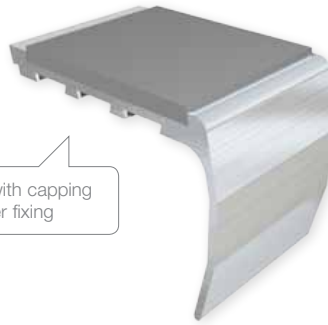
Colour For larger colour swatches, Light Reflectance Values (LRVs) and NCS references see pages 14 to 15.

Gauge 5mm - typically used with carpet or resilient flooring with bevelled underlay (see page 48) in heavy use areas.

Trims For recommended trims see individual profiles. For further information on trims see pages 42 to 49.

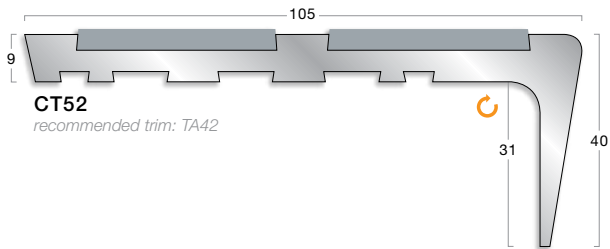
Profiles Dimensions shown are nominal. Illustrations are 70% size in mm. Products subject to minor design alterations without notice.

Traditional - Aluminium CT range

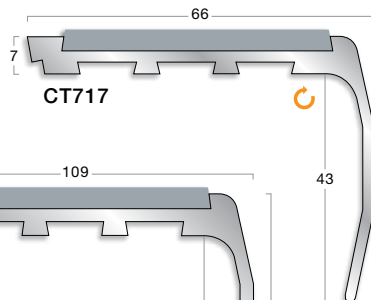
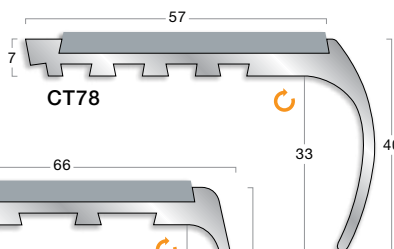
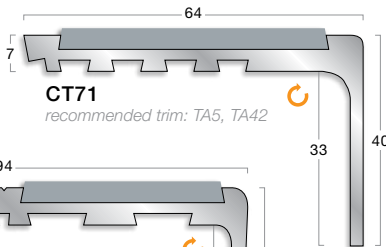
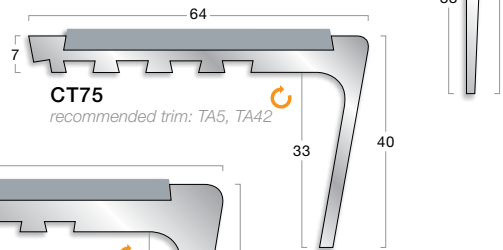
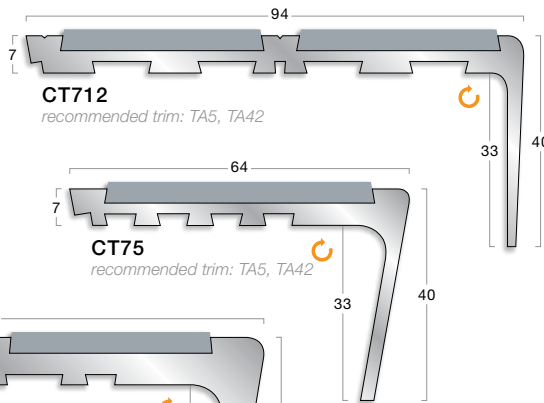
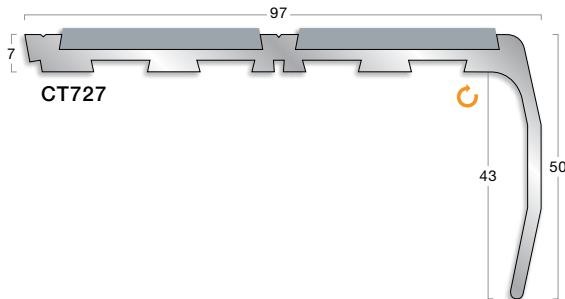
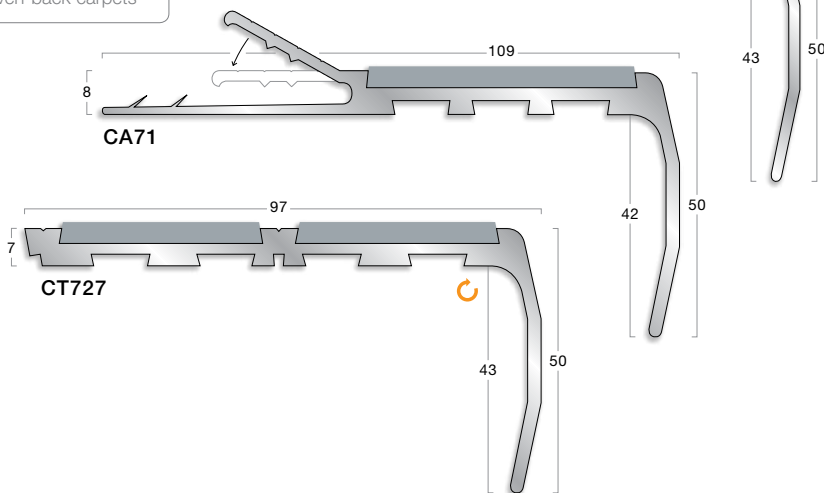


Factory bonded inserts supplied with capping plugs to conceal screw heads after fixing

70% of aluminium comes from 100% recycled billet



Stair edging with integral nap trim for woven-back carpets



Channel:

Aluminium

Insert options:

Xtra-grip:

- Carbon
- Deepsea
- Truffle
- Rock
- Pebble
- Pampas
- Breeze
- Vapour
- Oat
- Zest
- Iceberg

Xtra-grip Plus:

- Raven
- Navy
- Conker
- Marl
- Cliff
- Vine
- Meltwater
- Lunar
- Bone
- Sulphur
- Diamond

Interior:

- Jet
- Ink
- Midnight
- Burgundy
- Evergreen
- Coffee
- Nutmeg
- Ocean
- Lead
- Cloud
- Steel
- Linen
- Glacier
- Canvas
- Buttercup
- Poppy
- Photoluminescent
- Snowdrift

Interior Grained:

- Black
- Brown
- Granite
- Dove

Exterior:

- Night sky
- Sunrise
- Nebula



For guidance on the correct selection of stair edgings and inserts see pages 8 to 12.

Colour For larger colour swatches, Light Reflectance Values (LRVs) and NCS references see pages 14 to 15.

Gauge 7mm - 9mm - typically used with carpet, wood, ceramics and other heavy duty floorcoverings.

Trims For recommended trims see individual profiles. For further information on trims see pages 42 to 49.

Profiles Dimensions shown are nominal. Illustrations are 70% size in mm. Products subject to minor design alterations without notice.

Trans-Edge® - Stair Edgings



A range of heavy-duty aluminium stair edgings incorporating extremely durable, slip-resistant insert materials, suitable for external and internal applications such as motorway foot bridges, railway stations, airports, sports stadia, outdoor arenas and heavy industry.

Installation Advice:

- TEX3R, TE4 and TE5R – the front insert should always be in a visually contrasting colour to the remaining inserts to ensure definition of the step edge. The remaining inserts must always be of the same colour and ideally match the surrounding floorcovering. The colours selected must contrast by 30 points on the LRV scale - see page 15 for insert LRVs.
- TEXE1 - multiple pieces of TEXE1 can be joined together to increase slip-resistance along the tread depth. When using two or more TEXE1 extension profiles, these should be a contrasting colour to the stair edging insert to ensure step edge definition (see above).

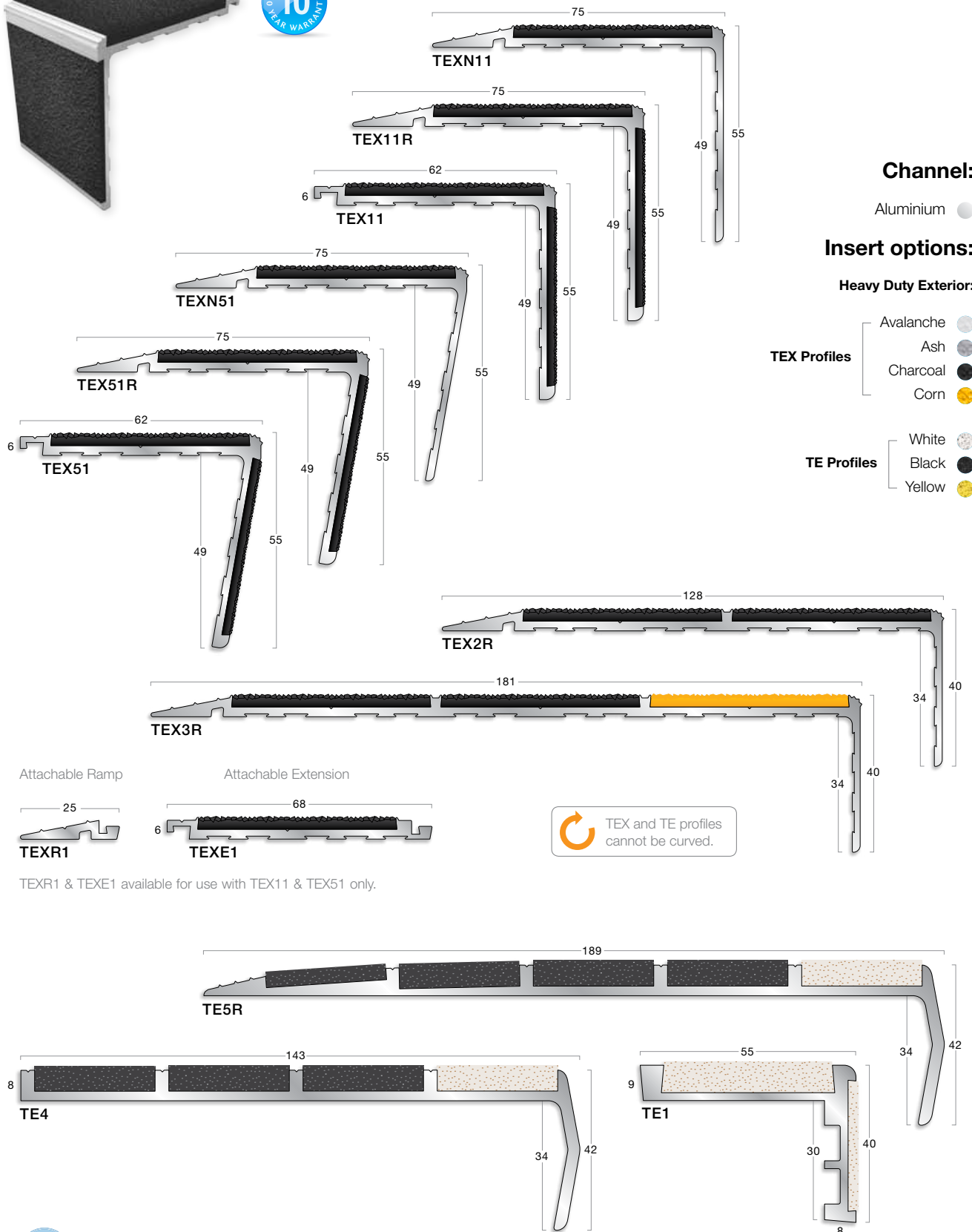
Information:

- For guidance on the correct selection of stair edgings see pages 8 to 12.
- For larger colour swatches, Light Reflectance Values (LRVs) and NCS references see pages 14 to 15.



Visit: www.gradusworld.com to download: AutoCAD drawings, Gradus & NBS Specifications, Cleaning & Maintenance, Installation Guidelines and Health & Safety Data Sheets.

Trans-Edge® - TEX + TE range



Channel	TEX - available in cut lengths up to 2.75m. TE - available in cut lengths up to 2.10m. TEX and TE profiles cannot be curved.
Gauge	Ramp back profiles to be surface mounted onto substrate. Flat back profiles can be set into the substrate in-situ or can be butt jointed to an existing floor finish.
Installation	TEX - Factory bonded inserts with visible fixings. TE - Pre-bonded inserts supplied pre-drilled with screw head cover plugs.
Profiles	Dimensions shown are nominal. Illustrations are 70% size in mm. Products subject to minor design alterations without notice.