



SureSteel® Hazard Indicator Range



The CTA SureSteel® range of stainless steel indicators, offers the highest quality tactile combined with stunning appearance and market leading ease of installation.

Tactile guidance systems play an important role for the vision impaired. This means quality is of the utmost importance.

SureSteel® indicators are formed from a single piece of steel so the anchoring spigot will never detach from the tactile head. In addition, CTA's proprietary treatment process ensures that SureSteel® studs and directional ribs will retain their bright appearance for many years.

SureSteel® can be installed over almost any substrate including carpet, concrete, timber, bitumen and tiles. SureSteel® is the only stainless steel product in the industry to provide an unparalleled R13 Safety Rating across the entire range.

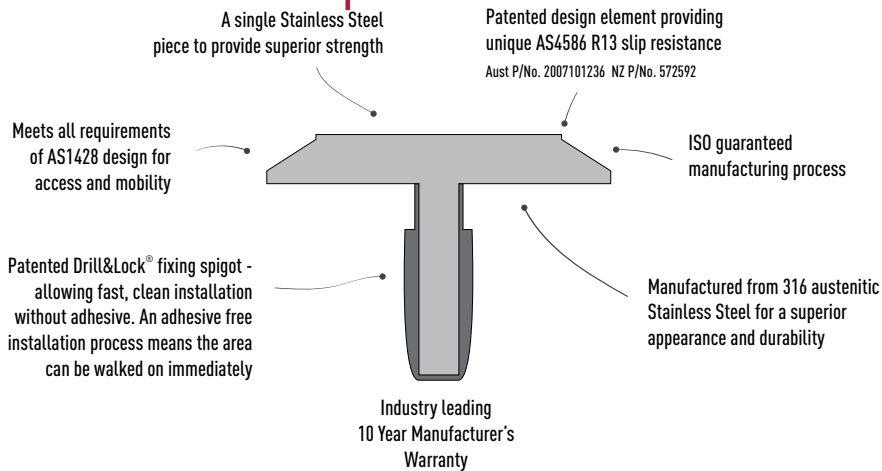
SureSteel® also incorporates CTA's patented Drill&Lock® technology. This innovative approach eliminates the need for messy adhesives, reducing

both cost and installation time and allows the area to be immediately opened to pedestrian traffic.

KEY FEATURES

- Patented R13 safety rating, the highest in the industry
- Available in both hazard (stud) and directional (rib) profiles
- Patented Drill&Lock® ensuring an easy, adhesive free install and can be walked on immediately
- One-piece design ensures strength and reliability - will not become displaced or broken over time
- Also available in Brass, high strength tempered aluminium and fully integrated plate options
- Extensively tested and certified, including exposure to salt spray and chemical composition

Superior design makes SureSteel® tactiles the specifier's choice



COMPLIANCE

All CTA products conform with the requirements of the Australian standards and are tested by a NATA certified laboratory. Please consult with CTA for relevant test reports:

- AS1428:2009 Design for access and mobility
- AS4586:2013 Slip resistance classifications for new pedestrian surface materials
- NCC - National Construction Codes

LUMINANCE CONTRAST

Please view the CTA Luminance Brochure for details or contact your CTA representative to discuss or request an onsite luminosity test.

WARRANTY

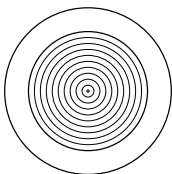
CTA provides a comprehensive warranty, in accordance with our published warranty statement which can be viewed on www.ctagroup.com.au

PRODUCT VARIATIONS

CTA SureSteel® stainless steel tactile indicators are available in a range of styles to suit your aesthetic and safety requirements. Not all products are available in all variations - please see the product option tables for the complete range of combinations. CTA also produces a SureSteel® Select range, which offers specifiers a greater range of colours to meet luminance requirements on a larger number of substrates. Please see the SureSteel® Select Data Sheet for details.

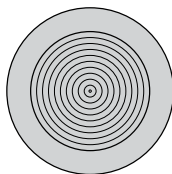
TOP FACE OPTIONS

CLASSIC



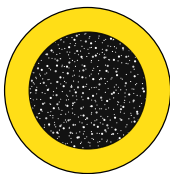
Stainless Steel Concentric Ring top

SPECIAL METALS



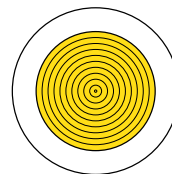
Aluminium / Brass / Anodised Concentric Ring top

CARBORUNDUM



Carborundum In-fill top

SELECT



Poly In-fill Concentric Ring top
(See SureSteel® Select sheet)

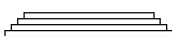
CTA COMPLETE CARE MAINTENANCE

Asset owners have a Duty of Care responsibility to maintain access product within design performance parameters. CTA offers a fully integrated maintenance program which includes regular scheduled maintenance and replacement of worn components where necessary. Please contact your CTA representative for information on our "Complete Care Program."

SIDE FACE OPTIONS



Smooth Side Face



Stepped Side Face

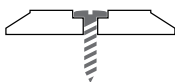


Polymeric Side Face
(See SureSteel® Select sheet)

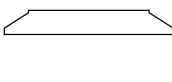
CTA INSTALLERS

CTA's accredited installers are available to do the installation work for you - with short turnaround times and guaranteed workmanship. Our installation team is the largest and most experienced in the nation, so you can rest assured you are in safe hands.

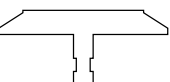
INSTALLATION/FIXING OPTIONS



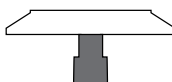
Tapered Screw Hole (Screw Retention)



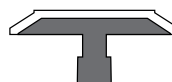
Flatback (Epoxy Adhesive)



6x15mm Spigot (Epoxy Adhesive)



Patented Drill&Lock® (Mechanical Retention)

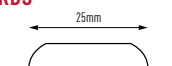


Patented EnviroStud® (See EnviroStud® data sheet)

INTERNATIONAL STANDARDS



Australia/New Zealand



United Kingdom



North America

MORE INFORMATION

Product Installation, list of Approved Products and Material Safety Data Sheets are available on request.

CALL CTA ON 1300 282 282
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Drill&Lock® adhesive free install

The environmentally friendly option

SureSteel® sets a new standard for eco-friendly tactile installation - CTAs patented, Drill&Lock® technology eliminates the need for messy, chemical based adhesives and requires only mechanical retention to secure the tactile to the substrate. Drill&Lock® eliminates waste from the packaging, transport, application and cleanup that is created when using adhesives, reducing the overall impact to the environment. Drill&Lock® also allows the area to be opened to pedestrians immediately after installation and requires just two simple steps: drill a hole, and lock in a tactile indicator. As part of CTA's Environment policy, our installers recycle all packaging, water and material used when installing our products. Combining Drill&Lock® with CTA's complete range of interlocking templates will ensure that your installation is quick, clean and fully compliant with AS1428.

CTA has also developed the EasyAs® carpet installation system to overcome the unique challenge of installing tactile indicators over carpet. This system drastically reduces the stress and cost associated with carpet installations without messy adhesives.

APPLICATIONS

High volume traffic areas such as stairs, ramps, walkways and pedestrian thoroughfares along with areas where aesthetics are important such as building foyers and hotel lobbies. Suitable for internal and external applications.

DIMENSIONS

SureSteel® tactiles come in three sizes, please specify when ordering which size you require (Custom sizes also available on request):

- 1) Major diameter of 35mm and minor diameter of 25mm, Protrusion height of 5mm, the maximum to ensure longevity and optimum anti-slip **(Meets AUS/NZ Standards)**
- 2) Major diameter of 25mm and minor diameter of 16mm, Protrusion height of 5mm. **(Meets EU Standards)**
- 3) Major diameter of 22mm and minor diameter of 12mm, Protrusion height of 5mm. **(Meets US Standards)**

Available with and without a fixing spigot ensuring retention to all substrates including carpet, concrete, timber, bitumen and tiles.

SURESTEEL® CLASSIC



Packaging Size	460 x 165 x 135	Material	316 Marine Grade Stainless Steel
Quantity in Package	500	UV Stable	Yes
AS1428 Compliant	Yes	Warranty	10 Years
AS4586 - Wet Pendulum	62 / P5	Life Expectancy	25+ years
AS4586 - Oil-Wet Ramp	35.7° / R13	Indoor / Outdoor	Both
NCC Compliant	Yes		

PRODUCT OPTIONS

SureSteel® Classic all feature a Stainless Steel concentric ring top

SIDE FACE	FIXING SYSTEM	PRODUCT CODE
Smooth	Flat base / Adhesive	CRS001
Smooth	6x15mm Spigot	CRS002
Smooth	Tapered Screw Hole	CRS003
Smooth	Drill&Lock® 20mm	CRS009
Smooth	Drill&Lock® 25mm	CRS007
Step	Flat base / Adhesive	CRST001
Step		CRST002
Step	Tapered Screw Hole	CRST003
Step	Drill&Lock® 20mm	CRST006
Step	Drill&Lock® 25mm	CRST007

SURESTEEL® SPECIAL

Packaging Size	460 x 165 x 135
Quantity in Package	500
AS1428 Compliant	Yes
AS4586 - Wet Pendulum	62 / P5
AS4586 - Oil-Wet Ramp	35.7° / R13
NCC Compliant	Yes
UV Stable	Yes
Warranty (Brass)	10 Years
Warranty (Black/Aluminium)	2 Years
Life Expectancy	25+ years
Indoor Use	Yes
Outdoor Use	Yes



PRODUCT OPTIONS

The SureSteel® Special range feature the concentric ring top design, in a variety of materials

MATERIAL	SIDE FACE	FIXING SYSTEM	PRODUCT CODE
Black Anodised Stainless Steel	Smooth	Drill&Lock® 20mm	CRS006-160
Black Anodised Stainless Steel	Smooth	6x15mm Spigot	CRS002-160
Aluminium	Smooth	Drill&Lock® 20mm	CRS006-AL
Brass	Smooth	Drill&Lock® 20mm	CRS006-B
Brass	Step	Drill&Lock® 20mm	CRST006-B
Brass	Step	Drill&Lock® 25mm	CRST007-B

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SURESTEEL® CARBORUNDUM



Packaging Size	460 x 165 x 135	Material	316 Marine Grade Stainless Steel
Quantity in Package	500	UV Stable	Yes
AS 1428 Compliant	Yes	Warranty	10 Years
AS4586 - Wet Pendulum	71 / P5	Life Expectancy	25+ years
AS4586 - Oil-Wet Ramp	37.4 / R13	Indoor / Outdoor	Both
NCC Compliant	Yes		

PRODUCT OPTIONS

SureSteel® Carborundum is a Stainless Steel tactile with a Carborundum infill top

SIDE FACE	FIXING SYSTEM	COLOUR	PRODUCT CODE
Smooth	Flat base / Adhesive	Yellow	CIS001-SS-112
Smooth	Flat base / Adhesive	White	CIS001-SS-108
Smooth	Flat base / Adhesive	Black	CIS001-SS-160
Smooth	6x15mm Spigot	Yellow	CIS002-SS-112
Smooth	6x15mm Spigot	White	CIS002-SS-108
Smooth	6x15mm Spigot	Black	CIS002-SS-160
Smooth	Drill&Lock® 20mm	Yellow	CIS006-SS-112
Smooth	Drill&Lock® 20mm	White	CIS006-SS-108
Smooth	Drill&Lock® 20mm	Black	CIS006-SS-160
Step	Flat base / Adhesive	Yellow	CIST001-SS-112
Step	Flat base / Adhesive	White	CIST001-SS-108
Step	Flat base / Adhesive	Black	CIST001-SS-160
Step	6x15mm Spigot	Yellow	CIST002-SS-112
Step	6x15mm Spigot	White	CIST002-SS-108
Step	6x15mm Spigot	Black	CIST002-SS-160
Step	Drill&Lock® 20mm	Yellow	CIST006-SS-112
Step	Drill&Lock® 20mm	White	CIST006-SS-108
Step	Drill&Lock® 20mm	Black	CIST006-SS-160

SURESTEEL® EUROPA



PRODUCT OPTIONS

SureSteel® Europa - Stainless Steel tactiles with a variety of top finishes specially designed for the European and US market

TOP	SIDE FACE	FIXING SYSTEM	PRODUCT CODE
Crosshatch	Smooth	Drill&Lock® 20mm	CHS006-BS
Smooth	Smooth	Drill&Lock® 20mm	CSS006-BS
Smooth	Stepped	Drill&Lock® 20mm	CSST006-BS

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