

Your Source For AODA &
Specialty Construction Products



TACTILE WALKING SURFACE INDICATOR GUIDE

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WHY CHOOSE CITYSCAPE SUPPLY?

- Full AODA / ADA / ISO compliance to meet any city, municipality or commercial specification.
- Our wet-set panels have longer and pointed anchors to ensure a proper installation, no matter the concrete conditions which reduces heaving during freeze/thaw seasons.
- Clear removable sheeting on wet-set panels to prevent overspray from curing compounds.
- Adhesive and anchors are included in the price of all surface mount tactile panels.
- Highest performing fire rated tile in the market based on ULC S102.2 independent testing.

COMPOSITE

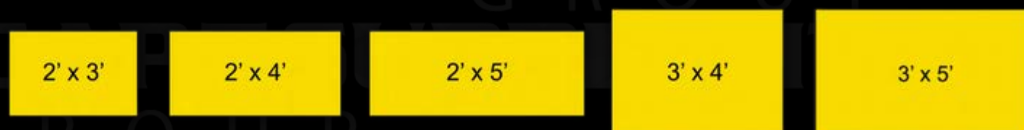
Tactile Walking Surface Indicators

CAST-IN-PLACE **REPLACEABLE**

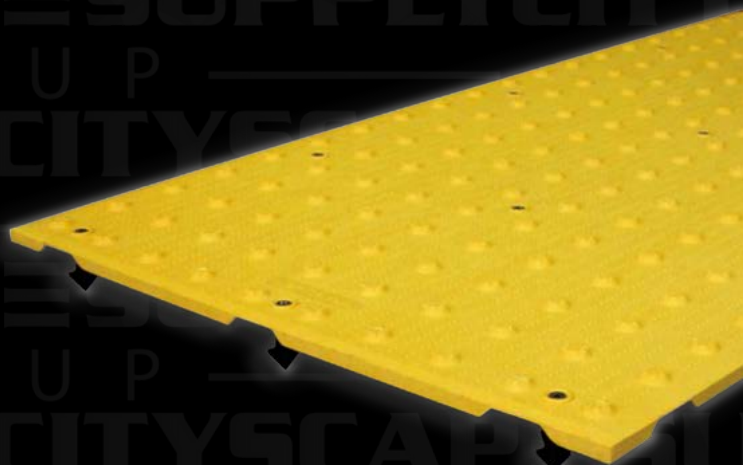
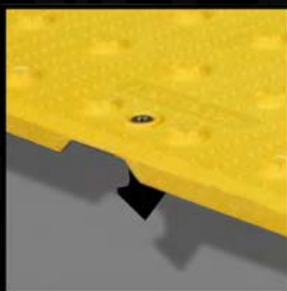
AlertCast® is a glass reinforced thermoset composite engineered for superior impact resistance, slip resistance, wear resistance and long-term durability.

Our exclusive design incorporates a top panel of superior slip-resistant truncated domes molded to exact AODA specifications for detectable warnings and bottom docking anchors that are embedded into wet concrete. Our proprietary **PENETRATOR** concrete anchors lock the panel securely into the concrete without displacing aggregate or trapping air beneath the panel's surface. This unique design is lightweight, strong and flexible so installations are quick and easy.

AlertCast® is available in a variety of sizes and colours and is the **most versatile cast-in-place replaceable** detectable warning system available.

COLOURS:

Panels shipped with **PENETRATOR®** anchors installed.



ALERTCAST® EXCEEDS AODA SPECIFICATIONS FOR DETECTABLE WARNINGS

alertcast®

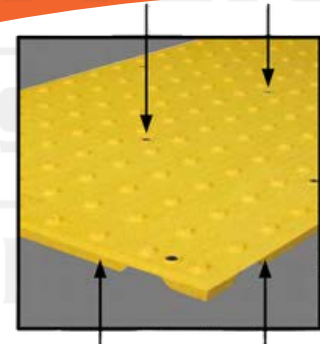
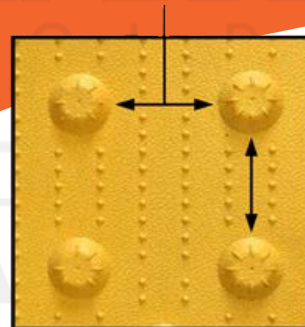
CAST-IN-PLACE **REPLACEABLE**

Protective covering ensures installations are clean and tidy

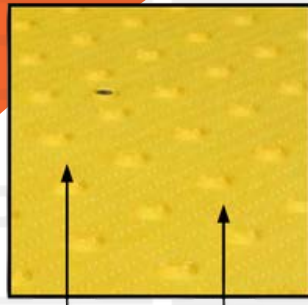
Installation instructions attached to every panel (written in English and Spanish)

AODA compliant inline dome spacing

Recessed stainless steel fasteners provide for easy panel replacement



Beveled edges for superb wheelchair egress



Superior wet and dry slip resistance

Corrosion resistant composite anchors provide superior pullout strength with unlimited re-installation based on self-threading design

Tamper resistant 1/4" stainless self-threading screw

PENETRATOR®
Patent No. D634860



Unique dome feature allows for field installation of additional counter sunk fastener locations when required

MATERIAL SPECIFICATIONS:

PROPERTY	ASTM STANDARD	RESULT
Slip Resistance	C 1028	Dry = 1.03/Wet = 0.83
Impact Resistance	D 256	8.0 Izod ft-lbs/in (notch)
Accelerated Weathering	ASTM G155-05	No Change
Compressive Strength	0.695	30,000 psi
Flexural Strength	D 790	19,290 psi
Tensile Strength 1/8"	D 638	5,511 psi
Water Absorption	C373	0.3-0.6%
Color	Integral Throughout Product	Yes
Color/Contrast	Cap-Y (LRV)	Brick Red 5-15 Safety Yellow 25-50 Colonial Red 5-15
Dome Height	0.2"	Yes
Dome Base Width	0.9"	Yes
Dome Top Diameter	0.45"	Yes
Dome Spacing	2.35"	Center-to-Center
Salt Spray	B 117	No Change
Wear Resistance	C 501	83 grams or 0.0107"
PENETRATOR® Concrete Anchor	Pullout Strength	729 Pounds per anchor
Freeze-Thaw Durability	C1262-08	Pass
Waste Classification	USEPA 40 CFR Part 261	Non Hazardous



CAST-IN-PLACE

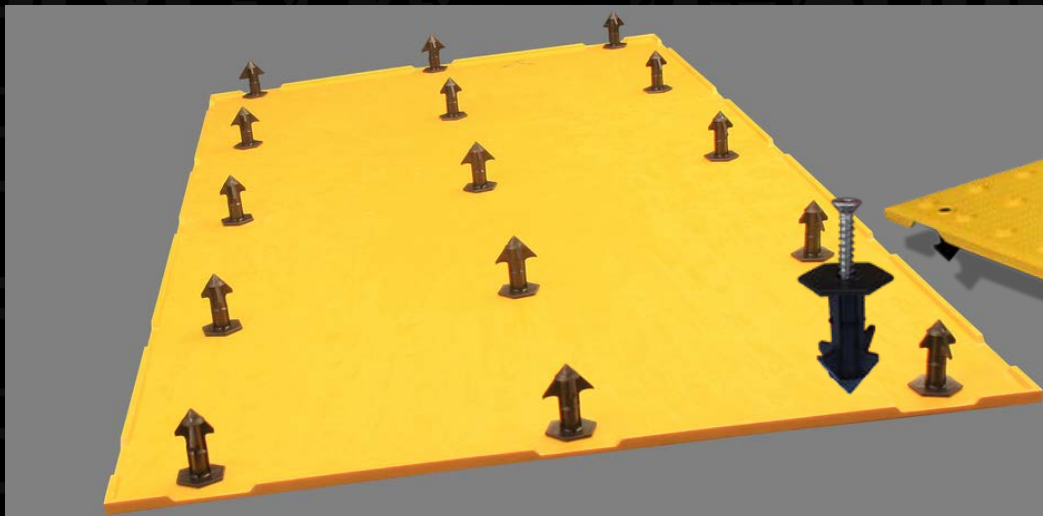


AlertCast® PAVER is a glass reinforced thermoset composite detectable warning panel engineered for superior impact resistance, slip resistance, wear resistance and long-term durability. It has an exclusive installer-friendly design which incorporates four side-flange vents that measure 4" wide by 1" in depth. More features include a top panel of superior slip resistant truncated domes molded to exact AODA specifications, and bottom docking anchors that are embedded into wet concrete.

Our unique perimeter flanges are specifically designed to eliminate air pockets underneath the panel, ensuring an exceptional and solid installation. Boasting homogeneous colour throughout and delivered ready to install, each **AlertCast® PAVER** panel comes with its **PENETRATOR®** anchors already in place.

AlertCast® PAVER is proudly made in the USA, carries a 5-year manufacturer's warranty, is AODA compliant, approved by DOTs and also compliant with ADAAG and Caltrans.

ALERTCAST® PAVER EXCEEDS AODA SPECIFICATIONS FOR DETECTABLE WARNINGS





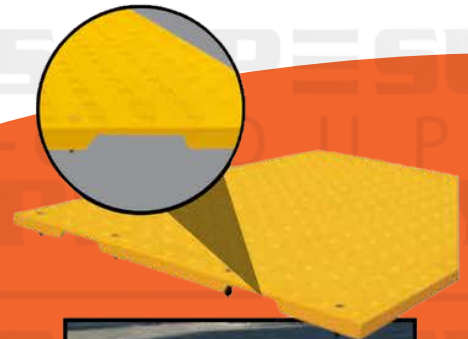
CAST-IN-PLACE



MATERIAL SPECIFICATIONS:

PROPERTY	ASTM STANDARD	RESULT
Slip Resistance	ASTM C 1028	Dry = 1.03/Wet = 0.83
Impact Resistance	ASTM D 256	8.0 Izod ft-lbs/in (notch)
Accelerated Weathering	ASTM G155-05	No Change (2,000 hours)
Compressive Strength	ASTM D695	30,000 psi
Flexural Strength	ASTM D 790	23,224 psi
Tensile Strength 1/8"	ASTM D 638	12,741 psi
Water Absorption	ASTM C373	0.3-0.6%
Color	Integral Throughout Product	Yes
Color/Contrast	Cap-Y (LRV)	Brick Red 5-15 Safety Yellow 25-50 Colonial Red 5-15
Dome Height	0.2"	Complies (with ADAAG)
Dome Base Width	0.9"	Complies (with ADAAG)
Dome Top Diameter	0.45"	Complies (with ADAAG)
Dome Spacing	2.4"	Center-to-Center
Salt Spray	ASTM B 117	No Change (200 hours)
Wear Resistance	ASTM C 501	83 grams or 0.0107"
PENETRATOR® Concrete Anchor	Pullout Strength	729 Pounds per anchor
Freeze-Thaw Durability	ASTM C1262-08	No Disintegration
Waste Classification	USEPA 40 CFR Part 261	Non-Hazardous

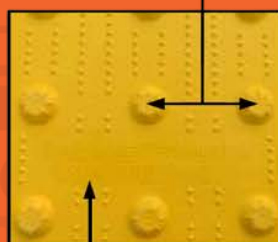
Vents prevent air pockets for better installation



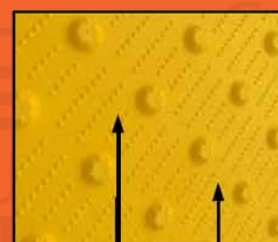
AODA compliant 2.4" in-line dome spacing



Protective covering with instructions. (English and Spanish)



Molded identification information



Superior wet and dry slip resistance



Panels shipped with PENETRATOR® anchors installed

COLOURS:

Brick Red

Black

Colonial Red

Grey

Yellow



FED 22144

FED 17038

FED 20109

FED 36118

FED 33538



SURFACE APPLIED

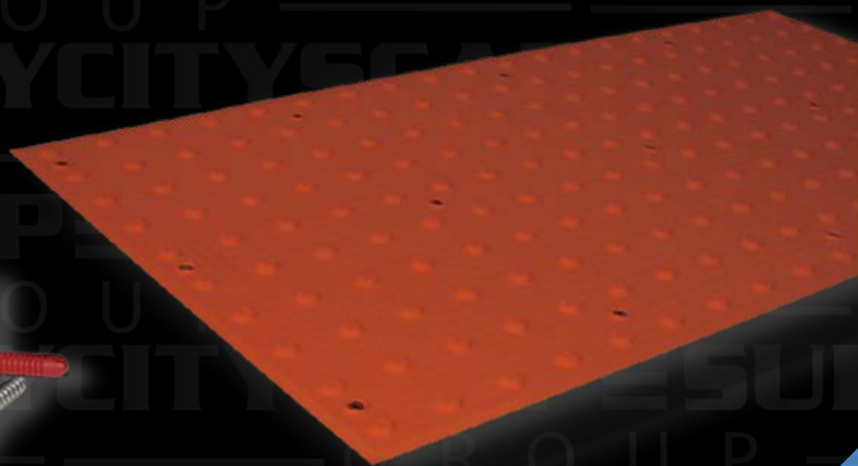


AlertTile® is a glass reinforced thermoset composite engineered for superior impact resistance, slip resistance, wear resistance and long-term durability for both new construction and retrofit applications.

AlertTile® has a thin surface profile and perimeter beveled edge to provide pedestrians a safe transition from all surrounding surfaces. **AlertTile®** solid one-piece construction was specifically engineered to ensure easy installation and eliminate seams. Though **AlertTile®** has superior rigidity that will provide years of service, our material retains enough flexibility to allow the panel to conform to irregularities found in existing concrete ramps in retrofit applications.

AlertTile® features adhesive scores on the back of each panel to speed installation and help you readily conform to the strict AODA specifications.

COLOURS:



ALERTTILE® EXCEEDS AODA SPECIFICATIONS FOR DETECTABLE WARNINGS



SURFACE APPLIED

**FEATURES:**

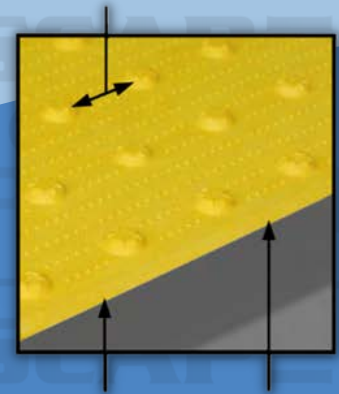
- AODA / DOT compliant and a 5-year warranty.
- Semi-rigid composition - 30,000 psi strength yet flexible enough to conform to ramp irregularities.
- Premium UV Treatment - ensures long term colour retention.
- Proven Anchoring System - premium adhesive and HILTI HUD-1 anchors with stainless steel screws.
- Perimeter Beveled Edges - for safe pedestrian transition.

MATERIAL SPECIFICATIONS:

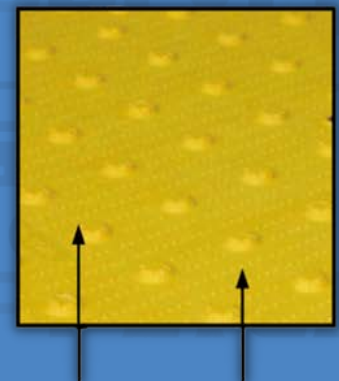
Please note the material specifications on the AlertTile detectable warning product below. Our reinforced thermoset composite was specifically engineered to provide superior long-term durability.

PROPERTY	ASTM STANDARD	RESULT
Slip Resistance	C 1028	Dry = 1.03/Wet = 0.83
Wear Resistance	ASTM C 501	83 grams or 0.0107"
Impact Resistance	D 258	8.0 Izod ft-lbs/in (notch)
Adhesion Bond Strength	C 482	No failure
Color/Contrast	Cap-Y (LRV)	Brick Red 5-15 Safety Yellow 25-50 Colonial Red 5-15
Water Absorption	C373	0.3-0.6%
Compressive Strength	D 695	30,000 psi
Flexural Strength	D 790	19,920 psi
Tensile Strength 1/8"	D 638	5,511 psi
Dome Height	0.2"	Yes
Dome Base Width	0.9"	Yes
Dome Top Diameter	0.45"	Yes
Dome Spacing	2.4"	Center-to-Center
Accelerated Weathering	ASTM G155-05	No change
Salt Spray	B 117	No Change
Freeze-Thaw Durability	C1262-08	Pass
Waste Classification	USEPA 40 CFR Part 261	Non Hazardous

AODA compliant inline dome spacing

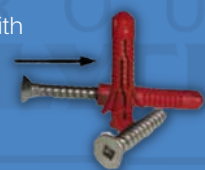


Beveled edges for superb wheelchair egress



Superior wet and dry slip resistance

HILTI HUD-1 anchors with stainless steel screws



FIRE RESISTANT DETECTABLE WARNINGS

DESIGNED FOR INTERIOR APPLICATIONS



FIRE-RESISTANT DETECTABLE WARNINGS:

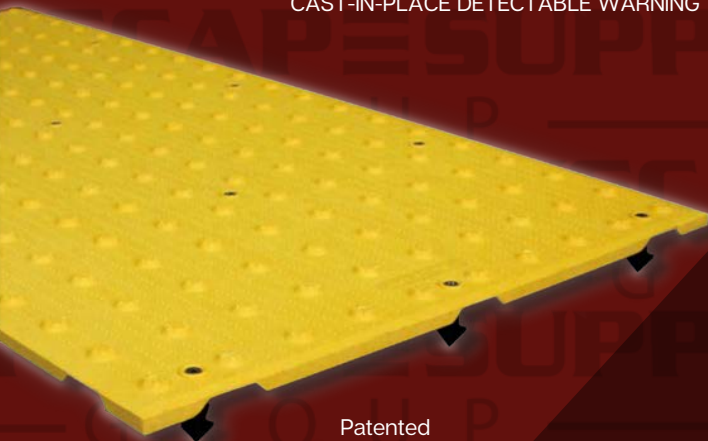
Detectable Warning Systems introduces fire-resistant detectable warnings to our line of AODA compliant products. Designed and engineered for exist stair wells, vestibules to exit stairs, lobbies, and corridors.

FEATURES:

- Meets ULC-S102.2 fire standard at less than 25 flame and less than 50 smoke.
- In full compliance with Canadian Accessibility Codes.
- Meets the requirements of the Ontario Building Code. (OBC) 2012 Table 3.1.13.7.
- Meets or exceeds AODA, CSA, ISO, NFPA 130, as well as provincial and national building codes.
- Beveled edges make for easy pedestrian access that meets Canadian Accessibility Codes.

alertcast

INDUSTRY'S BEST REPLACEABLE
CAST-IN-PLACE DETECTABLE WARNING



COLOURS:



Yellow



Colonial Red



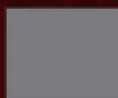
Brick Red



Safety Red



Black



Grey

alerttile

RIGID SURFACE APPLIED
DETECTABLE WARNING



PHYSICAL CHARACTERISTICS:

- ASTM D 790 - Flexural Strength ≥ 156 MPa.
- ASTM D 638 - Tensile Strength ≥ 66 MPa.
- ASTM C 1028 - Static Coefficient of Friction ≥ 0.8 wet/dry.
- ULC S102.2 - Flame Spread ≤ 10 .
- ULC S102.2 - Smoke Development ≤ 50 .
- ASTM E648 - Critical Radiant Flux ≥ 1.1 W/cm².
- ASTM D 570 - Water Absorption $\leq 0.05\%$.
- ASTM C 1026 - Freeze/thaw No effect.
- ASTM B 117 - Salt Spray (300 hrs) No effect.
- ASTM D 1037 - Accelerated Aging Cycle Testing No effect.
- ASTM D 543 - Chemical Resistance No effect.



THE ORIGINAL FLEXIBLE SURFACE APPLIED MAT



Developed in 1994, the RediMat® is constructed of an extremely durable, UV protected polyurethane material. The flexible mat is used in a variety of surfaces and has a proprietary, pre-applied peel-and-stick adhesive system. Easily installs in less than 10 minutes - drastically reducing labour time and expense, but not at the cost of durability.

FEATURES:

- Installs on **asphalt and concrete**.
- Peel-and-stick technology for fast, secure installations.
- **Installs with or without anchor screws.**
- Conforms to uneven surfaces.
- **Unbreakable** - will not chip, crack or splinter.
- Available as a detectable warning or directional guidance bar mat.

USES - ANCHORS / NO ANCHORS:

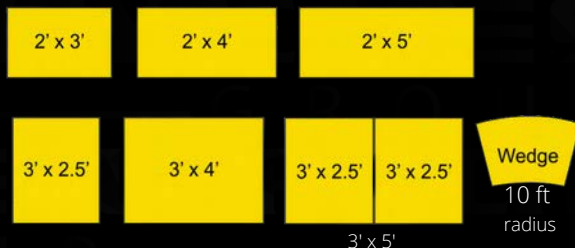
- Installs on **asphalt and concrete**.
- Peel-and-stick technology for fast, secure installations.

**INSTALLATION:**

Easiest installation of any surface applied mat. Just peel and stick, roll to ensure a secure bond and install stainless steel anchors if appropriate.

PHYSICAL CHARACTERISTICS:

- **Hardness** - 90 (Shore A).
- **Stain Resistance** - No Significant Change.
- **Dome Spacing** - Inline, 2.35".
- **Slip Resistance** - .90 per ASTM C1028.
- **Taber Abrasion** - (1000gms/1000 cycles) 150mgs.
- **Colour** - Integral Throughout.

COLOURS:Safety Yellow
FED 33538Brick Red
FED 20109Black
FED 17038Grey
FED 36118**ASK ABOUT OUR DIRECTIONAL BAR MATS**

redimat®

THE ORIGINAL FLEXIBLE SURFACE APPLIED MAT



Concrete Sidewalks



Asphalt Parking Areas



Parking Garages



Radius Applications



Transit Platforms



Indoor - Top of Stairs



Apartment Communities



Shopping Centers



Handicap Ramps



Directional Guidance Bars

FOR ASPHALT OR CONCRETE INSTALLATIONS:

RediMat's® proprietary pre-applied multi-surface adhesive system enables installation in less than 10 minutes on either asphalt or concrete, depending on your project.

PARKING STRUCTURES WITH RAISED FLOOR:

RediMat® is the perfect mat for parking structures with raised floors and the associated concern or restriction with drilling into these upper floors.

For parking structures, we custom manufacture the RediMat® so that no drilling or anchors are required to install and provide AODA compliance.

RediMats® have been used for parking structure applications for years in major projects across the U.S.

The most versatile detectable warning available

REDIMAT® EXCEEDS AODA SPECIFICATIONS FOR DETECTABLE WARNINGS

WHY CHOOSE CITYSCAPE SUPPLY?

- Our panels have the longest manufacturer warranty in the industry against material defects.
- 10 sizes in stock in unfinished "patina", and powder coated panels in stock for immediate shipping.
- Our Cast Iron panels are approved by municipalities, regions and the Road Authority, and the ONLY manufacturer to have 3rd party independent testing by a Canadian ISO certified lab.
- We assist with onsite measuring and drawing take-offs.
- We provide radius tactile templates at no charge to concrete crews.
- Free delivery within the GTA, we provide a truck with forklift to offload.

METAL

Cast Iron & Stainless Steel
Tactile Walking Surface Indicators

MORE REASONS WHY...

- All products made from 316L Stainless Steel material.
- Custom sizes available.
- Lightweight reusable steel templates for dome installation.

INDIVIDUAL TACTILE DOMES

SURFACE APPLIED



PRODUCT DESCRIPTION:

Tactile Walking Surface Indicators for warning and attention of people with visual impairments.

CSG316SSDM is a warning tactile indicator made from 316L Stainless Steel.

PRODUCT FEATURES:

- Made of complete stainless steel to ensure durability.
- Excellent impact and abrasion resistance.
- Good resistance to water, oil, fire and UV.
- Resistance to low temperature and aging.
- Excellent corrosion resistance, very durable surface.
- Slip Rating: R13.

SPECIFICATION OF SIZE:

- Diameter: 22mm (tolerance ± 0.2).
- Thickness: 4.0mm (tolerance ± 0.2).
- Diameter of leg: 5.0mm (tolerance ± 0.2).
- Length of leg: 18mm (tolerance ± 0.2).

COLOURS:

- 316 Stainless Steel
- Brass/Bronze
- Anodized Aluminum
- PVC Coating

*stock in
Toronto!*



OUR TACTILE DOMES EXCEED AODA SPECIFICATIONS FOR DETECTABLE WARNINGS



STAINLESS STEEL TACTILE PLATES

SURFACE APPLIED



PRODUCT DESCRIPTION:

Tactile Walking Surface Indicators for warning and attention of people with visual impairments.

CSG316SSPL is a warning tactile indicator made from 316L Stainless Steel.

PRODUCT FEATURES:

- Made of complete stainless steel to ensure durability.
- Excellent impact and abrasion resistance.
- Good resistance to water, oil, fire and UV.
- Resistance to low temperature and aging.
- Excellent corrosion resistance, very durable surface.

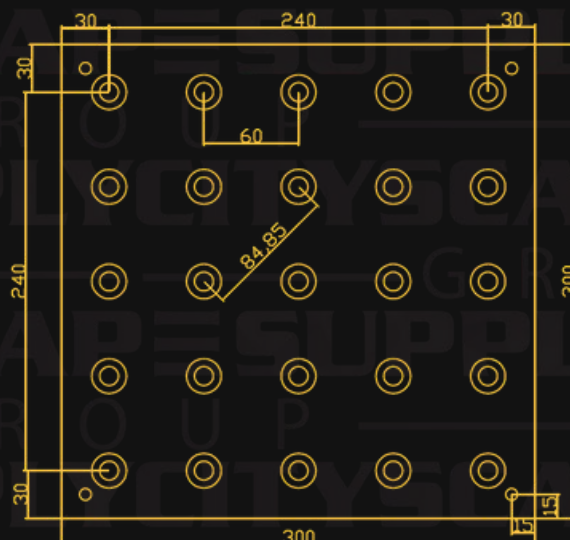
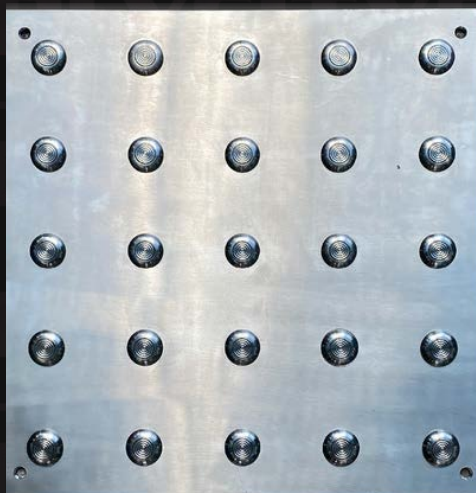
SPECIFICATION OF SIZE:

- Width & Length: 300mm (tolerance ± 0.2).
- Dome size: 22mm x 4.5mm (tolerance ± 0.1).
- Thickness: 2mm (tolerance ± 0.2).

**CUSTOM SIZES AND
COLOURS AVAILABLE.
ASK FOR PRICING**

INSTALLATION INSTRUCTIONS:

Drill and screw fit. Clear the surface before installation. Keep the zone dry and without oil, water or other liquid.



TACTILE PLATES CAST IRON

CAST-IN-PLACE



PRODUCT DESCRIPTION:

Our Tactile Walking Surface Indicators are made for warning and attention of people with visual impairments. Our panels are an AODA compliant class 35B cast iron that meet or exceed all ASTM standards.

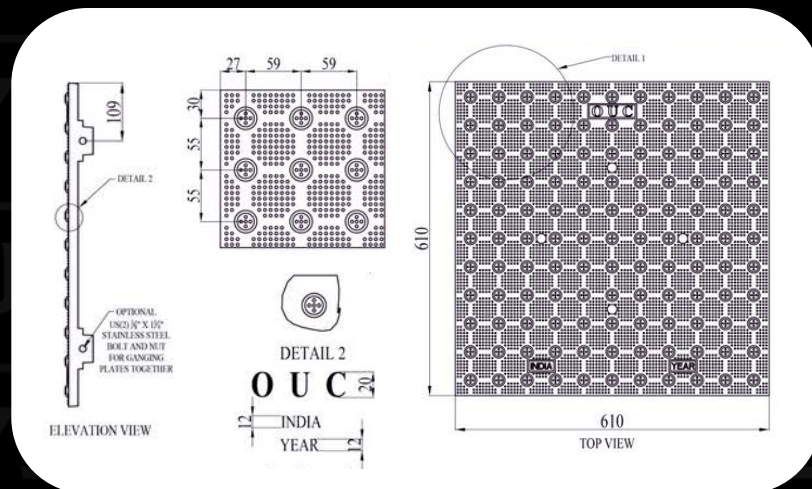
With an industry leading 15 year warranty against defects and workmanship you will be sure to find the right products for your project as our panels come in an array of shapes and sizes.

STRAIGHT PANELS

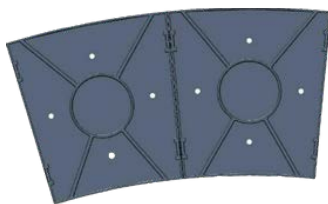


Sizes available:

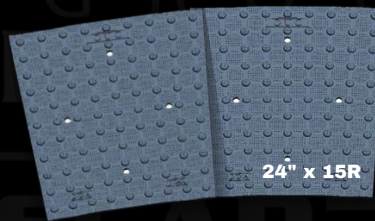
18" x 24" 24" x 24" 24" x 30"



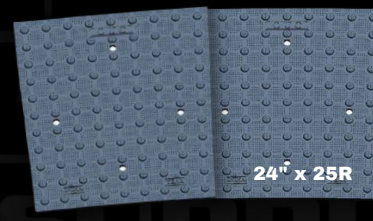
RADIUS PANELS



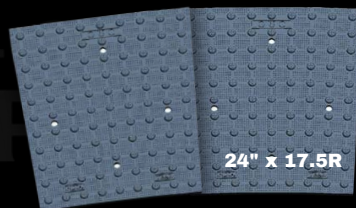
24" x 10R



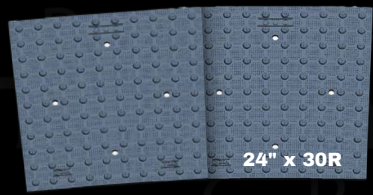
24" x 15R



24" x 25R



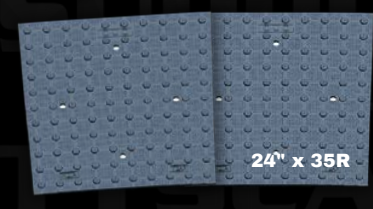
24" x 17.5R



24" x 30R



24" x 20R



24" x 35R

AVAILABLE IN PATINA OR
UNCOATED, POWDER
COATED & ASPHALT DIP

OUR TACTILE WALKING SURFACE INDICATORS EXCEED AODA SPECIFICATIONS FOR DETECTABLE WARNINGS



Pick Up Address (Warehouse)
 388 Carlaw Ave Unit 202i
 (Off Thackeray St)
 Toronto, ON - M4M 3P1
 Phone: (416) 688 - 3445



Mailing Address (Office)
 50 Carroll Street
 Toronto, ON - M4M 3G3
 Phone: (647) 498 - 3417

E-mail: sales@cityscapesupply.com

www.cityscapesupply.com