



**DWS** **DETECTABLE**  
**WARNING SYSTEMS**  
THE SOURCE FOR ADA COMPLIANCE

A PIONEER IN MANUFACTURING AND PROVIDING INNOVATIVE AND ECONOMICAL  
TRUNCATED DOME DETECTABLE WARNING PRODUCTS SINCE 1994



# DWS™ DETECTABLE WARNING SYSTEMS

THE SOURCE FOR ADA COMPLIANCE

## redimat

### THE ORIGINAL FLEXIBLE SURFACE APPLIED MAT

Developed in 1994, the **RediMat** is constructed of an extremely durable, UV protected polyurethane material. This flexible mat is used on a variety of surfaces and has a proprietary, pre-applied peel-and-stick adhesive system. Easily installs in less than 10 minutes – drastically reducing labor 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

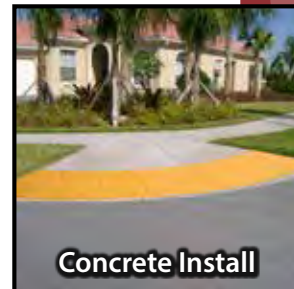


#### INSTALLATION :

*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", 2.4" (CA 3x4)
- **Slip Resistance** - .90 per ASTM C1028
- **Taber Abrasion** - (1000gms/1000 cycles) 150mgs
- **Color** - Integral Throughout



REDIMAT EXCEEDS ADA SPECIFICATIONS FOR DETECTABLE WARNINGSI

#### ASK ABOUT OUR DIRECTIONAL BAR MATS



Safety Yellow	Brick Red	Black	Dark Gray
FED 33538	FED 20109	FED 17038	FED 36118

2' x 3'	2' x 4'	2' x 5'	3' x 2.5'	3' x 4'	3' x 2.5'	3' x 2.5'	Wedge
							10 ft radius







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 ADA compliance.

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

REDIMAT EXCEEDS ADA SPECIFICATIONS FOR DETECTABLE WARNINGSI

**redimat**

The most versatile detectable warning available





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## alerttile®

### SURFACE APPLIED

*Detectable Warning System*

**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 ADA specifications.

### COLORS:



Brick Red

Black

Colonial Red

Grey

Yellow

Safety Red

FED 22144

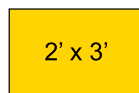
FED 17038

FED 20109

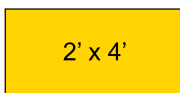
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FED 33538

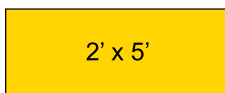
FED 31350



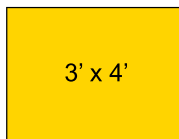
2' x 3'



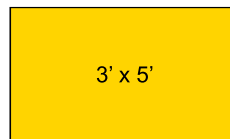
2' x 4'



2' x 5'



3' x 4'



3' x 5'



ALERTTILE® EXCEEDS ADA SPECIFICATIONS FOR DETECTABLE WARNING!

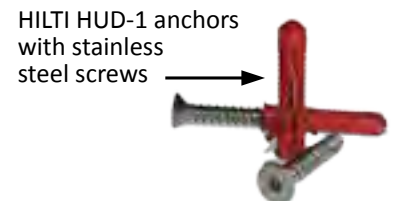
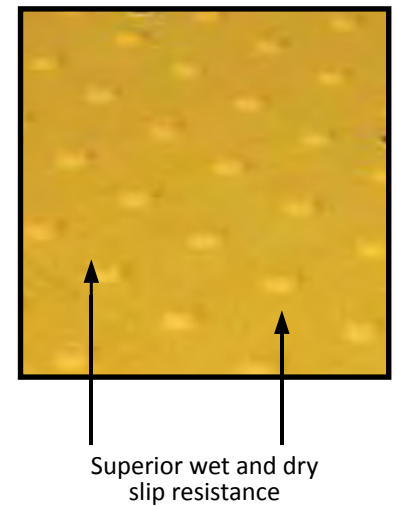
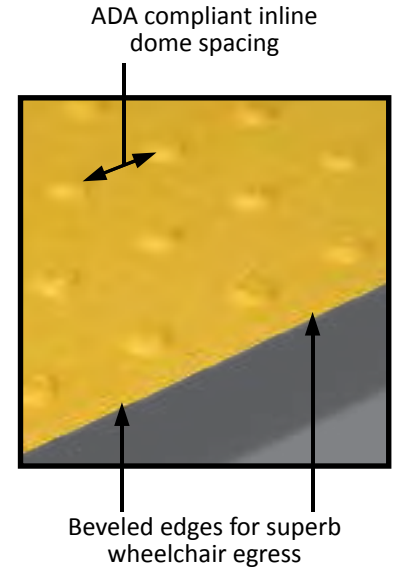
**FEATURES**

- ADA / 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 color retention
- Proven Anchoring System – premium adhesive and HILTI HUD-1 anchors with stainless steel screws
- Perimeter Beveled Edges – for safe pedestrian transition

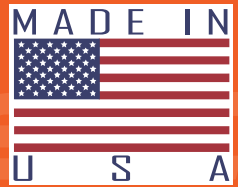
**MATERIAL SPECIFICATIONS**

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







# DWS™ DETECTABLE WARNING SYSTEMS

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## alertcast®

### CAST-IN-PLACE (REPLACEABLE)

*Detectable Warning System*

**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 ADA 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 colors and is the **most versatile cast-in-place (replaceable) detectable warning system available.**

#### COLORS:



Brick Red

Black

Colonial Red

Grey

Yellow

Safety Red

FED 22144

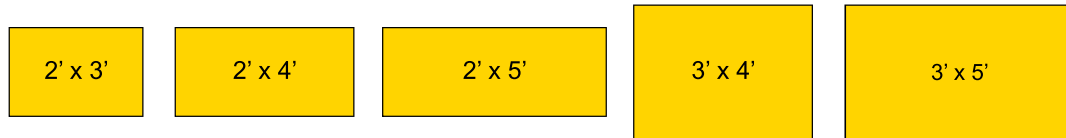
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2' x 3'

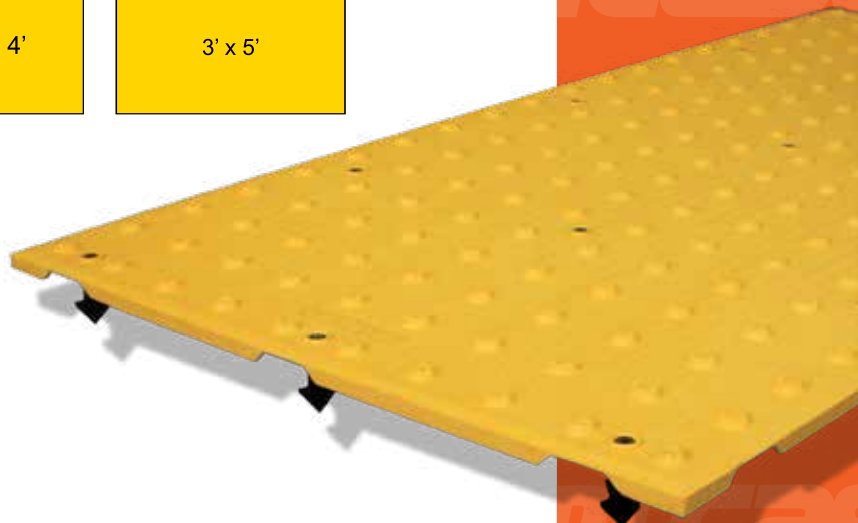
2' x 4'

2' x 5'

3' x 4'

3' x 5'

Panels shipped with **PENETRATOR®** anchors installed



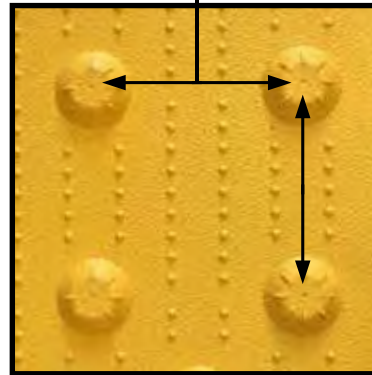
ALERTCAST® EXCEEDS ADA SPECIFICATIONS FOR DETECTABLE WARNINGS!

Protective covering ensures installations are clean and tidy

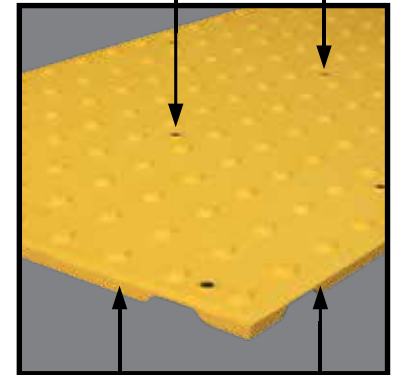
Installation instructions attached to every panel (written in English and Spanish)



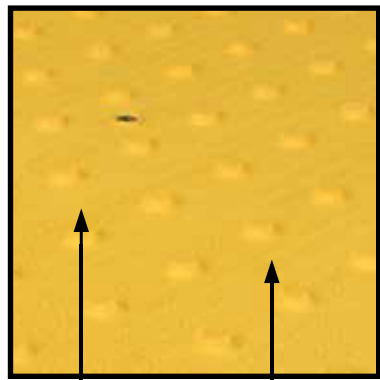
ADA compliant inline dome spacing



Recessed stainless steel fasteners provide for easy panel replacement



Beveled edges for superb wheelchair egress



Superior wet and dry slip resistance

Tamper resistant 1/4" stainless self-threading screw

**PENETRATOR®**  
Patent No. D634860



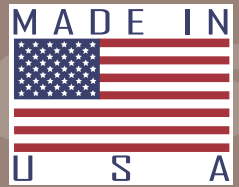
Corrosion resistant composite anchors provide superior pullout strength with unlimited re-installation based on self-threading design.

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	2.4"	Center-to-Center
Salt Spray	B 117	No Change
Wear Resistance	C 501	83 grams or 0.0107"
<b>PENETRATOR® Concrete Anchor</b>	<b>Pullout Strength</b>	<b>729 Pounds per anchor</b>
Freeze-Thaw Durability	C1262-08	Pass
Waste Classification	USEPA 40 CFR Part 261	Non Hazardous



# DWS™ DETECTABLE WARNING SYSTEMS

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## castiron

### CAST-IN-PLACE

*Detectable Warning System*

Our proven, durable **CastIron** plates are built to withstand the rigors of cold, harsh climates where snow removal is a concern. The plates provide full ADA and DOT compliance while maintaining excellent long-term durability backed by a 7-year warranty.

Installations are simplified with vent holes to release trapped air and our **CastIron** features a unique interlocking installation system to attach adjacent plates. Specifically designed to be lighter in weight, without sacrificing strength or rigidity, the plates can be installed quickly and easily in comparison to similar products.

### FEATURES:

#### Extreme Durability

- Premium Class 35 exterior grade gray iron
- Snow plow resistant for long-term performance

#### Contractor Friendly Installations

- Unique interlocking system for adjacent plates
- Vent hole on top to release air and ensure solid embedment
- Lighter weight for fast, easy installation

#### ADA / DOT Compliance

- Meets or exceeds standard specification requirements of AASHTO M 333-16 for detectable warning surfaces
- Truncated domes at a nominal height of .2", diameter of .9" and center-to-center spacing of 2.4"
- Pedestrian safe slip resistance of 1.27 dry / .72 wet per ASTM C1028

#### Aesthetically Pleasing

- Weathers to a maintenance-free natural patina finish

CAST IRON EXCEEDS ADA SPECIFICATIONS FOR DETECTABLE WARNING!



**INTERLOCKING SYSTEM FOR EASY, SECURE INSTALLATIONS**

