

DMS™ DETECTABLE WARNING SYSTEMS

THE SOURCE FOR ADA COMPLIANCE

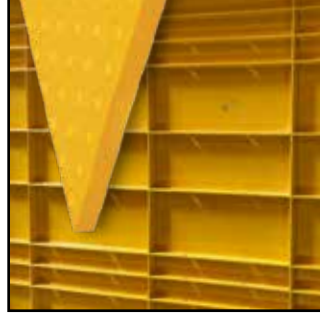
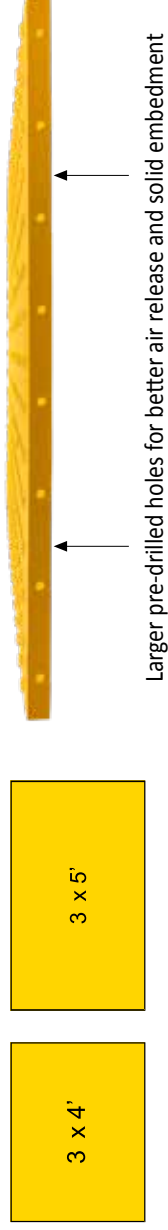
AlertCast® P A V E R  **A P P R O V E D**

CAST-IN-PLACE (Wet-Set)
Detectable Warning System

AlertCast® P A V E R is a glass reinforced thermoset composite detectable warning panel engineered for superior impact resistance, slip resistance, wear resistance and long-term durability. **AlertCast® P A V E R** features a top panel of superior slip-resistant truncated domes molded in accordance with ADA regulations and ADAAG specifications — raised truncated domes with a diameter of nominal 0.9”, height of nominal 0.2” and center-to-center spacing of 2.4”.

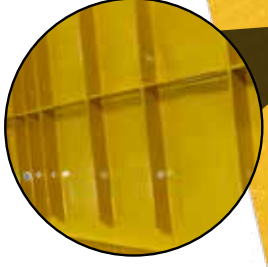
Our exclusive installer-friendly design incorporates structural ribs on the paver’s underside and pre-drilled holes specifically designed to eliminate air pockets underneath the panel, ensuring an exceptional and solid installation. Boasting homogeneous color throughout, durability and ease-of-installation, the **AlertCast® P A V E R** can withstand the rigors of demanding applications.

AlertCast® P A V E R is proudly made in the USA, carries a 5-year manufacturer’s warranty, is ADA compliant, approved by DOTs and also compliant with ADAAG and Caltrans.



MATERIAL SPECIFICATIONS

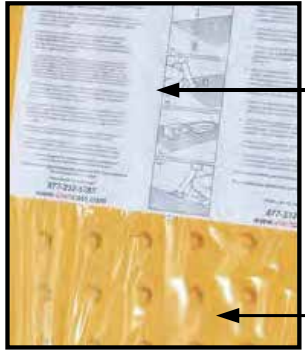
PROPERTY	ASTM STANDARD	RESULT
Slip Resistance	ASTM C 1028	Dry = 1.03/Wet = 0.83
Impact Resistance	ASTM D 256	8.0 Izod ft-lbs/in (notch)
Accelerated Weathering	ASTM G155-05	No Change (2,000 hours)
Compressive Strength	ASTM D695	30,000 psi
Flexural Strength	ASTM D 790	23,224 psi
Tensile Strength 1/8"	ASTM 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"
Freeze-Thaw Durability	ASTM C1262-08	No Disintegration
Waste Classification	USEPA 40 CFR Part 261	Non-Hazardous



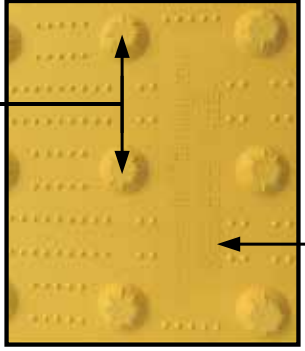
Pre-drilled holes for solid embedment.



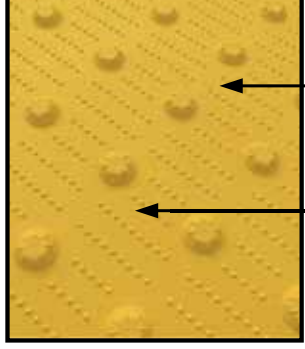
ADA compliant 2.4" in-line dome spacing



Protective covering with instructions. (English and Spanish)



Molded identification information

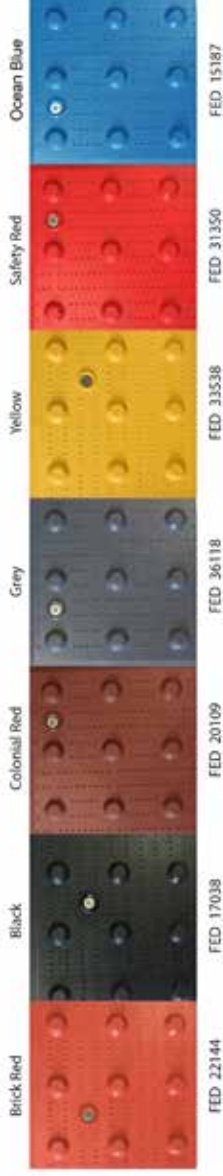


Superior wet and dry slip resistance



Ribs on underside of panel provide structural support

COLORS:

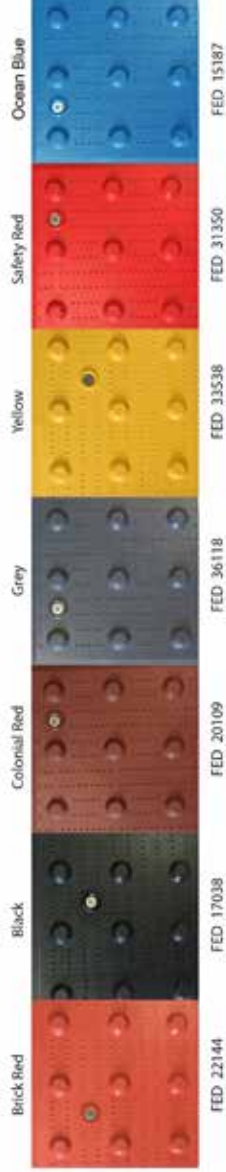


PANEL SIZES, COLORS, WEIGHTS AND ORDERING INFORMATION

AlertCast® PAVER non-replaceable cast-in-place panels
 AlertCast® PAVER is a glass reinforced thermoset composite engineered for superior impact resistance, slip resistance, and long-term durability for new construction. Our exclusive installer-friendly design incorporates pre-drilled holes and structural ribs for minimal air entrapment.

PANEL SIZE	SQ FT. PER PANEL	DOME SPACING	PANEL WEIGHT (LBS)	PANEL COLORS (Add color designation to Part Number at right)					Part Number	
				Brick Red	Black	Colonial Red	Dark Grey	Yellow		Safety Red
3'x4'	12	2.4"	26	R	B	CR	G	Y	SR	P-3648-__
3'x5'	15		33	R	B	CR	G	Y	SR	P-3660-__

Ordering example: 3'x4', PAVER, Brick Red = P-3648-R



DATE: 1/1/2026

SUBJECT: Certification of Compliance

PRODUCTS: AlertCast, AlertCast Paver, AlertTile, RediMat, Cast Iron

ADAAG Certification

We certify that the AlertCast detectable warnings, manufactured/sold by Detectable Warning Systems, meets or exceeds the specifications and requirements of ADAAG, PROWAC, FHWA, New York D.D.C., ISO 23599, CSA Group (Canadian Standards Association) and Title 24, Part 2 of the California Building Code.

This includes panel size, dome size and spacing, slip resistance, color contrast on standard colors, and sound on cane differential.

Warranty Statement

Founded in 1994, DWS detectable warnings carry a 5-year limited warranty covering any defects in manufacturing and materials – 7 years for Cast Iron.

Made In USA / Build America Buy America Certification

DWS detectable warnings are manufactured in the USA to strict guidelines to ensure compliance with necessary and applicable specifications. **This product meets the Buy America, Build America (BABA) Act of the Infrastructure Investment and Jobs Act (IIJA).**

Installation and Engineer/CAD Drawings

Please refer to our website at detectable-warning.com for guidance on product installation and specific engineer/CAD drawings.

For additional information or questions please contact our office at info@detectable-warning.com or call 866-999-7452.

DETECTABLE WARNING
FIVE (5) YEAR PRODUCT WARRANTY

Detectable Warning Systems a division of Mar-Bal, Inc. warrants to the Owner and Purchaser that the tactile warning surface ("TWS") product supplied by Detectable Warning Systems a division of Mar-Bal, Inc. is free from defects in workmanship and material including deformation, discoloration, fading, and breakage for a period of five (5) years from the date of acceptance of the project. The warranty is valid upon proper installation, proper maintenance, and payment in full to Detectable Warning Systems.

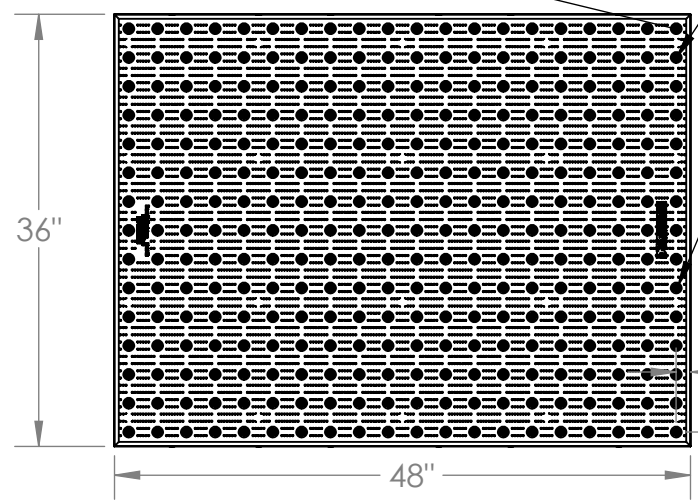
EXCLUSIVE REMEDIES: Detectable Warning Systems a division of Mar-Bal, Inc. at its cost, will repair or replace any defective material promptly reported during the warranty period. This warranty includes labor costs and cost of removal of the TWS product. Repair or replacements will be done on site.

All Detectable Warning Systems a division of Mar-Bal, Inc. TWS products are hereby warranted to comply fully with all applicable ADAAG, Public Rights of Way guidelines Section R304 and the Roadway Design Division.

WARRANTY LIMITATIONS: Detectable Warning Systems a division of Mar-Bal, Inc. warranty does not apply to conditions resulting from improper use, improper installation, external causes, acts of God, intentional misuse, or abuse, neglected or improper annual maintenance, vandalism, modifications to the TWS product, with the exception of the Owner's right to immediately eliminate an unsafe condition.

DISCLAIMER OF WARRANTY: The above warranty is the Owner's and Purchaser's exclusive warranty. No other warranty expressed or implied shall apply. Detectable Warning Systems a division of Mar-Bal, Inc. specifically makes no warranty of merchantability and/or fitness for a particular purpose. (In no event will Detectable Warning Systems a division of Mar-Bal, Inc. be liable for any damages, lost profit, consequential or economic damages).

15 Vertical Rows of Domes
2.4" Spacing TYP

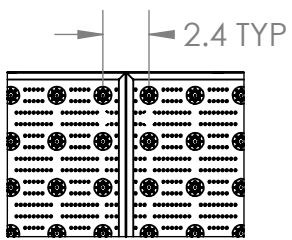


TOP VIEW

1.2" From Flange
TYP

25 Horizontal Rows of Domes
2.4" Spacing TYP

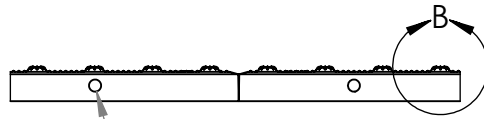
1.2
1.2



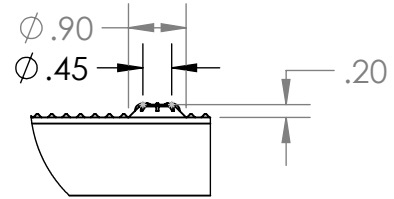
ADJACENT 2 PAVERS TOP



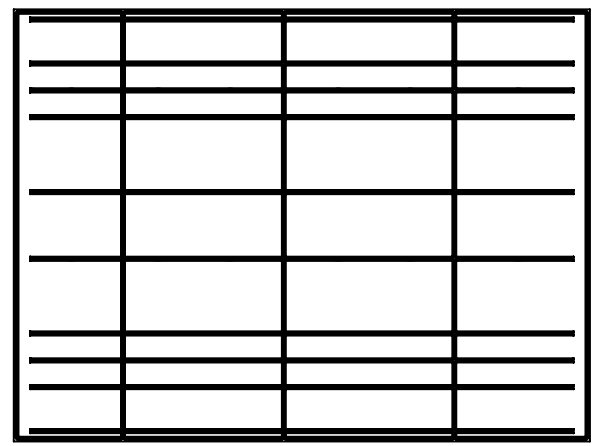
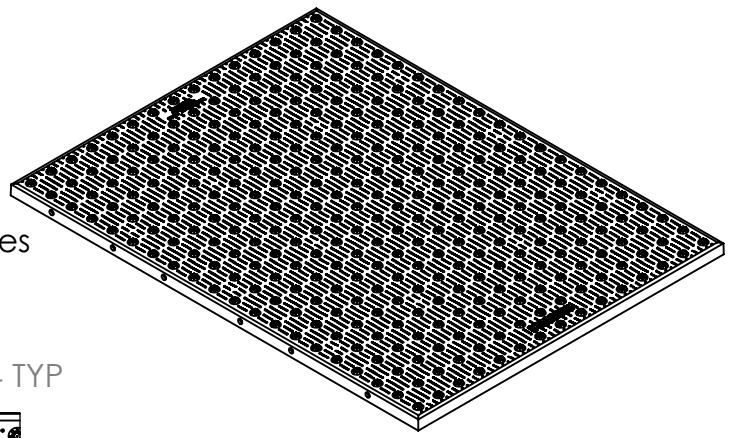
CROSS SECTION $\phi .50$ TYP



$\phi .50$ TYP
ADJACENT PAVERS SIDE



DETAIL B



BOTTOM VIEW

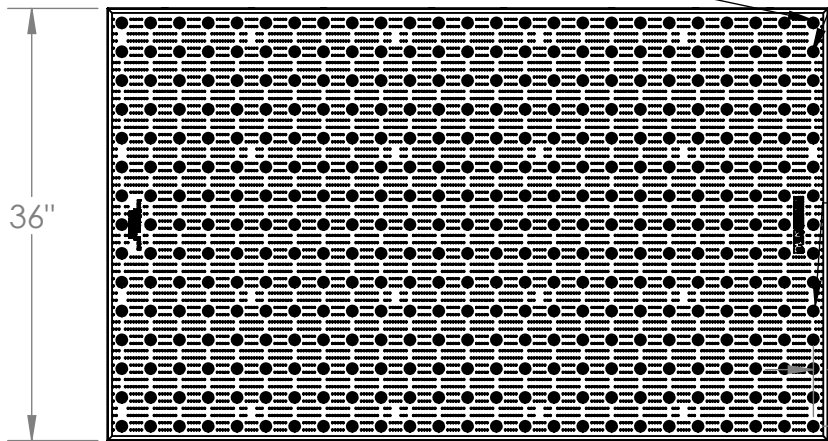


PROPRIETARY AND CONFIDENTIAL
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866 - 999 - 7452

SIZE: 3'x4'	Product: AlertCast Paver	REV A
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15 Vertical Rows of Domes
2.4" Spacing TYP



36"

60"
TOP VIEW

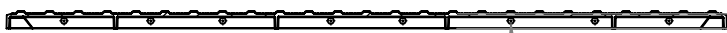
1.2" From Flange
TYP

25 Horizontal Rows of Domes
2.4" Spacing TYP

1.2

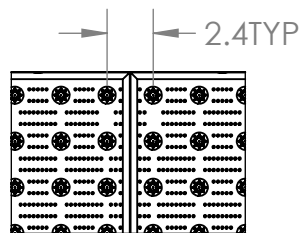
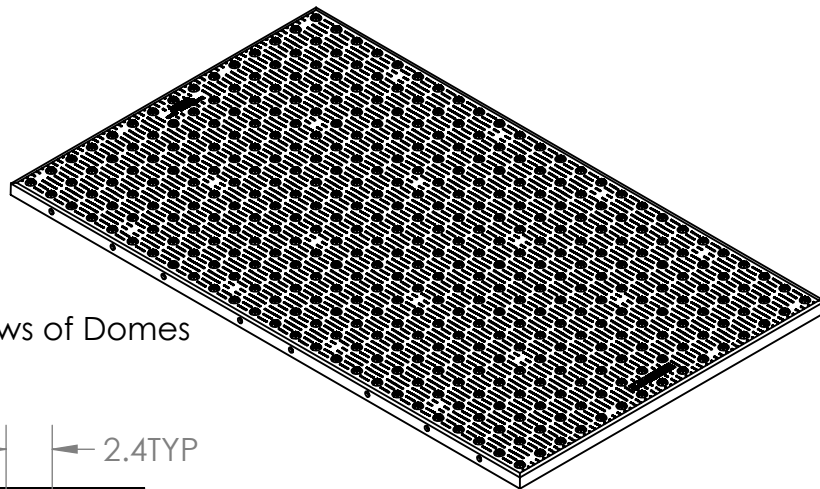
1.2

1.2

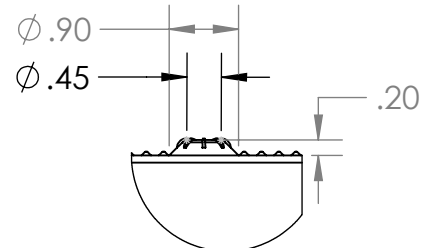


CROSS SECTION

Ø.50 TYP



ADJACENT 2 PAVERS TOP

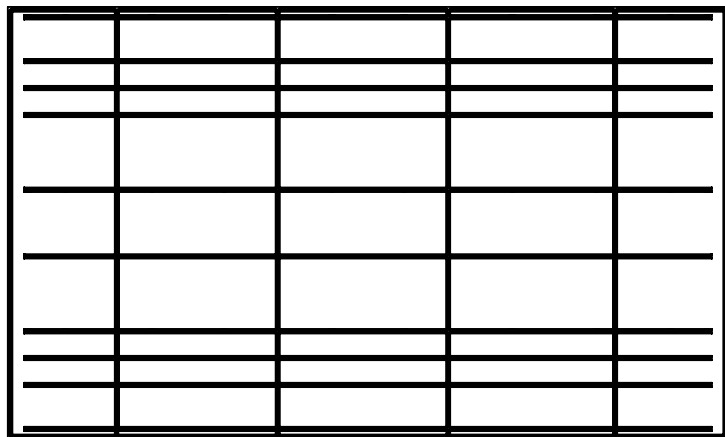


DETAIL B



ADJACENT PAVERS SIDE

Ø.50
TYP



BOTTOM VIEW



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SIZE: 3'x5'
Product: AlertCast Paver

REV
A

UNITS: INCHES

SCALE: 1:16

SHEET 1 OF 1

INSTALLATION INSTRUCTIONS
CAST-IN-PLACE DETECTABLE WARNING SYSTEM

alertcast
PAVER

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

INSTRUCCIONES DE INSTALACION
PARA HORMIGÓN COLADO IN SITU DE DETECTABLE WARNING SYSTEM

alertcast
PAVER

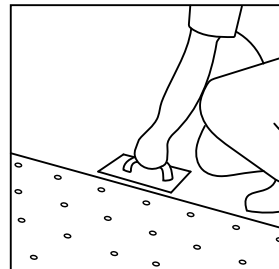
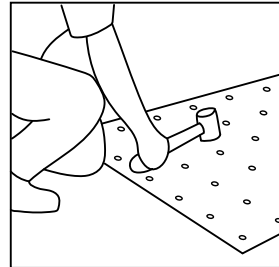
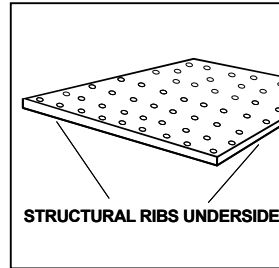
1. The physical characteristics of the concrete shall be as specified in the contract documents while maintaining a slump range of 4-7 to permit the solid placement of the **AlertCast PAVER** in the wet cement.
2. The concrete shall be poured and finished level, true and smooth to the required dimensions prior to the placement of the **AlertCast PAVER**.
3. Installation of the **AlertCast PAVER** may begin after the concrete has been leveled, but before the concrete is so stiff that it will no longer accept the panel. The **AlertCast PAVER** is designed for ease of installation and manufactured with large evacuation holes on two sides of the panel for rapid air evacuation.
4. Place the **AlertCast PAVER** panel in the required location. Simply press into the wet concrete, then using a rubber mallet tap the **AlertCast PAVER** panel down flush with the level of the adjacent concrete surface. **Note:** The embedment process shall not be accomplished by stepping on the panel as this may cause uneven setting and potential air voids beneath the panel surface.
5. Once satisfied the **AlertCast PAVER** panel installation is per code and project drawings, finish the concrete ramps and walks per project finishing specifications. During the concrete curing stage avoid standing on the **AlertCast PAVER** panel.
6. While the concrete is still workable, and if desired or required by the project, you can create a finished edge expansion joint around the panel perimeter.
7. Once the concrete is cured and ready for pedestrian traffic, remove any protective plastic covering. It may be necessary to cut the plastic with a sharp knife.

Always wear protective gloves/protective clothing/eye protection/
face protection

If you have any additional questions, please contact DWS.

Thank you for your business!

866.999.7452
detectable-warning.com



1. El material físico del hormigón es indicado en el documento de contrato mientras se mantiene un rango de asentamiento de 4-7 para permitir una colocación estable del **AlertCast PAVER** en el hormigón húmedo.

2. El hormigón se debe verter a las dimensiones del nivel acabado liso y correcto requeridas, antes de la colocación del **AlertCast PAVER**.

3. Permitir que el hormigón se asiente a un estado semisólido antes de instalar el panel de **AlertCast PAVER**. El **AlertCast PAVER** está diseñado para facilitar la instalación a través de desplazamiento mínimo de agregados, por medio de las pestañas con rejillas a los lados.

4. Coloque el panel de **AlertCast PAVER** en la ubicación requerida. Simplemente presione sobre el hormigón húmedo y con un Mazo de goma golpee suavemente el panel de **AlertCast PAVER**, hasta que este nivelado con la superficie del hormigón. Nota: El proceso de incorporación no se debe realizar pisoteando encima del panel. Esto puede terminar en una posición desnivelada y posible huecos de aire debajo la superficie.

5. Una vez satisfecho que la instalación del panel **AlertCast PAVER** cumpla con el código y dibujos del proyecto. Termine la rampa de hormigón según las especificaciones del proyecto. Durante el curado del hormigón evite pararse encima del panel **AlertCast PAVER**.

6. Mientras el hormigón aun es laborable, si lo desea o por requisitos del proyecto, puede crear una junta de expansión con borde terminado alrededor del perímetro del panel.

7. Una vez el hormigón este endurecido y listo para tráfico de peatón, remueva cualquier capa plástica protectora. Posiblemente se necesite cortar con una navaja afilada.

Siempre utilice guantes de protección/ ropa de protección/ protección ocular/
protección facial

Si tiene alguna pregunta adicional, por favor de contactar DWS.

¡Gracias por su confianza!

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