

CAST-IN-PLACE (WET-SET) TACTILE PAVER

CAST-IN-PLACE TACTILE

(WET-SET)

Inline Dome Pattern

DOME GEOMETRY

In accordance with ADA Regulations for Detectable Warning on Curb Ramps: Raised truncated domes with a diameter of nominal 0.9", a height of nominal 0.2", and a center-to-center spacing of 1.6" minimum and 2.4" maximum.

PANEL DIMENSIONS

Tactile Units are available in 2'x3', 2'x4', 2'x5', 3'x4' and 3'x5' sizes. Tactile Units may also be custom configured to accommodate specific project requirements. Tactile Units measure 0.25" nominal thickness and feature embedment ribs at 3" on center.

MATERIAL

A homogenous fiberglass and carbon reinforced composite which is colorfast and UV stable. Truncated domes are fiberglass reinforced for enhanced durability. The color of the Tactile Unit is uniform throughout and does not rely on any type of paint coating to achieve color stability.



INSTALLATION

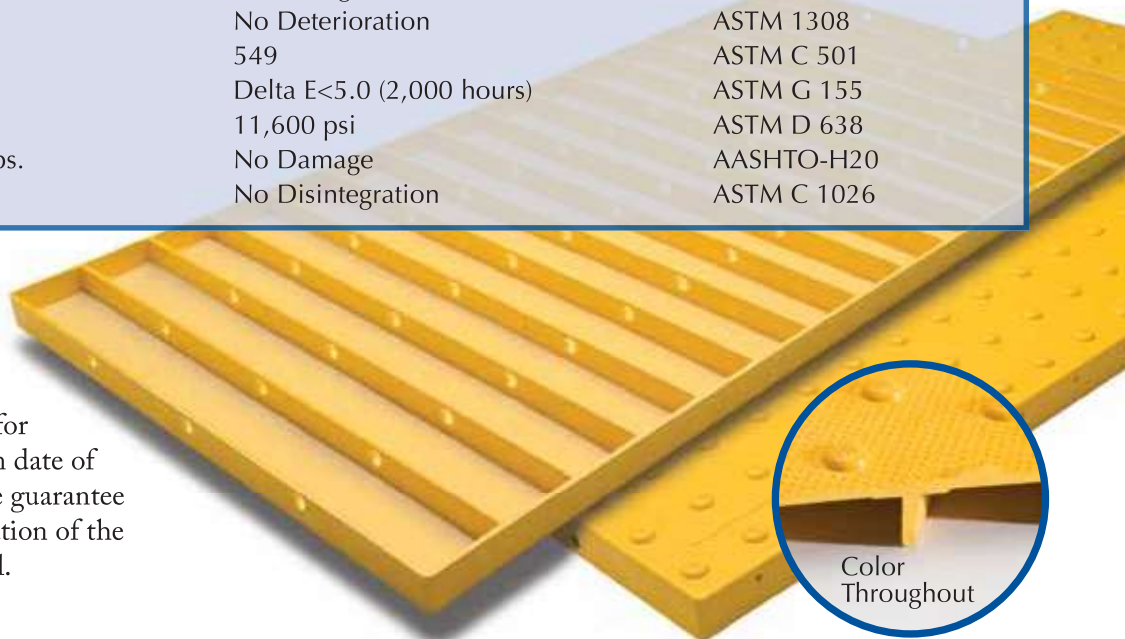
Cast-In-Place Tactile Units are to be used on new curb ramp locations.

PHYSICAL CHARACTERISTICS

Compressive Strength	28,900 psi	ASTM D 695
Flexural Strength	29,300 psi	ASTM D 790
Water Absorption	.07%	ASTM D 570
Slip Resistance	1.18 Dry, 1.05 Wet	ASTM C 1028
Flame Spread Index	20	ASTM E 84
Salt Spray	No Change (200 hours)	ASTM B 117
Chemical Stain Testing	No Deterioration	ASTM 1308
Abrasion Resistance	549	ASTM C 501
Accelerated Weathering	Delta E<5.0 (2,000 hours)	ASTM G 155
Tensile Strength	11,600 psi	ASTM D 638
Load Bearing at 16,000 lbs.	No Damage	AASHTO-H20
Freeze/Thaw/Heat	No Disintegration	ASTM C 1026

WARRANTY

Cast-In-Place Tactile Unit shall be guaranteed in writing for a period of seven (7) years from date of contract's final completion. The guarantee includes breakage and deformation of the tactile warning surface material.





PRODUCT MATRIX



White
27925

Brick Red
20109

Yellow
33538

Blue
15187

Safety Red
31350

Seattle Yellow
23594

Black
37038

Dark Gray
36118

Clay Red
22144

CAST-IN-PLACE		Item No.	Part Weight	Pcs/Box	Box Weight*	Pieces/Pallet	Weight
1.67	2' x 3'	2436PAV1	19.10	32	670	96	2,010
	2' x 4'	2448PAV1	25.20	25	690	75	2,070
	2' x 5'	2460PAV1	31.60	25	850	75	2,550
	3' x 4'	3648PAV1	38.40	25	1,020	50	2,040
	3' x 5'	3660PAV1	47.60	25	1,250	50	2,500
2.35	2' x 3'	2436PAV2	17.50	32	620	96	1,860
	2' x 4'	2448PAV2	23.20	25	640	75	1,920
	2' x 5'	2460PAV2	30.60	25	830	75	2,480
	3' x 4'	3648PAV2	35.50	25	950	50	1,900
	3' x 5'	3660PAV2	44.20	25	1,170	50	2,330

RADIUS		Anchors	Item No.	Ship Weight	Box		Pallet	
					Pieces	Weight	Pieces	Weight
Replaceable		8	248RADREP	14.00	32	510	96	1,520
Retrofit		16	24RADRET	11.00	82	965	82	960

SURFACE APPLIED		Anchors	Item No.	Part Weight	Pcs/Box	Box Weight*	IMPORTANT: We do not double- or triple-stack Surface Applied Tiles.
1.67	2' x 4'	15	2448RET1	19.00	80	1,580	
	3' x 4'	20	3648RET1	28.00	50	1,460	
	3' x 5'	24	3660RET1	32.00	50	1,660	
2.35	2' x 3'	12	2436RET2	13.20	112	1,540	
	2' x 4'	15	2448RET2	17.80	80	1,485	
	2' x 5'	18	2460RET2	22.00	80	1,820	
	3' x 4'	20	3648RET2	28.00	50	1,460	
	3' x 5'	24	3660RET2	33.00	50	1,710	

REPLACEABLES		Anchors	Item No.	Ship Weight	Pcs/Box	Box Weight*	Pieces/Pallet	Weight
2.35	2' x 2'	6	2424REP	10.80	44	540	132	1,610
	2' x 3'	8	2436REP	15.60	32	560	96	1,680
	2' x 4'	8	2448REP	19.20	22	480	66	1,450
	2' x 5'	11	2460REP	24.60	25	680	75	2,030

HEAVY-DUTY REPLACEABLES		Anchors	Item No.	Ship Weight	Pcs/Box	Box Weight*	Pieces/Pallet	Weight
2.35	2' x 3'	8	2436HDREP	23.40	25	645	50	1,290
	2' x 4'	8	2448HDREP	30.80	20	680	40	1,350
	2' x 5'	11	2460HDREP	38.00	24	975	48	1,940
	3' x 4'	13	3648HDREP	40.00	14	560	28	1,120
	3' x 5'	12	3660HDREP	53.80	14	815	28	1,630

CAST-IRON		Anchors	Item No.	Ship Weight	Pieces / Pallet	Pallet Weight
2.40	12" x 24"	4	1224ID	17.50	100	1,850
	24" x 24"	6	2424ID	33.88	50	1,800
	24" x 30"	8	2430ID	41.13	50	2,150
	Wedge, R15	2	15IDW	5.50	200	1,200
	Wedge, R20	2	20IDW	5.50	200	1,200
	Wedge, R25	2	25IDW	6.00	200	1,200
	Wedge, R30	2	30IDW	6.50	200	1,200

DIRECTIONAL BAR TILE		Anchors	Item No.	Ship Weight	Pieces / Pallet	Pallet Weight*	IMPORTANT: We do not double- or triple-stack Directional Bar Tiles.
3.15	6" x 24"	6	BARTILESA0624	2.20	600	1320	
	6" x 24"	6	BARTILEREP0624	2.20	600	1320	
	6" x 48"	12	BARTILESA0648	4.80	300	1440	
	6" x 48"	12	BARTILEREP0648	4.80	300	1440	
	12" x 12"	6	BARTILESA1212	2.00	800	1600	
	12" x 12"	6	BARTILEREP1212	2.00	800	1600	
	12" x 24"	8	BARTILESA1224	4.40	400	1760	
	12" x 24"	8	BARTILEREP1224	4.40	400	1760	
	24" x 24"	24	BARTILESA2424	8.60	200	1720	
	24" x 24"	24	BARTILEREP2424	8.60	200	1720	

*All weights include box and pallets weight

Last updated 7/1/2020

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Installation Procedure

Be sure to read and understand all of these instructions before you begin.

- A.** 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 Tactile Unit in the wet cement.
- B.** The concrete shall be poured and finished level, true and smooth to the required dimensions prior to the placement of the Tactile Unit.
- C.** Place the Tactile Unit 6-8 inches from the curb line. Working in a grid pattern, tamp the Tactile Unit into the wet concrete using a rubber mallet and a piece of wood. Continue this process until all of the air has been released, and the Tactile Unit surface is flush with the surrounding area. **IMPORTANT: Avoid striking the surface of the Tactile Unit directly.**
- D.** Following the placement, the Tactile Unit elevation should be checked to the adjacent surface with a straight edge. The Tactile Unit elevation should be consistent with the contract drawings and specifications. Any required adjustments must be made prior to the time when the concrete begins to set.
- E.** **IMPORTANT NOTICE TO INSTALLER:** *To allow for expansion and contraction, after tile is installed, use a 1/4" finish edge trowel around entire perimeter. On a continuous run, be sure to space each unit 1/8" apart.*
- F.** When you are confident that the Tactile Unit is in place, and no further adjustments are needed, place a cinder block on both ends to hold the Tactile Unit in place while the concrete sets.
- G.** During and after the Tactile Unit installation, as well as the concrete curing stage, no walking or external forces can be placed on the Tactile Unit. The area must be protected from pedestrian traffic until concrete is cured. The Tactile Warning Surface will be ready for pedestrian traffic within 2-4 hours.
- H.** Be sure to remove plastic protective covering from the face of the Tactile Unit once the concrete is cured.



PRODUCT SIZES
2'x3' 2'x4' 2'x5'
3'x4' 3'x5'

APPLICATION
Fresh Pour
Concrete
Ramps

*Use an appropriate sized Tactile Unit to fit the requirement.
If cutting is required, contact manufacturer for more details.*

*View additional photos, drawings, specifications and products on our website:
www.adatile.com. Please call (800) 372-0519 with any questions.*