

# CASTinTACT®

## Concrete Tactile Warning Panels

### Compressive Strength Test

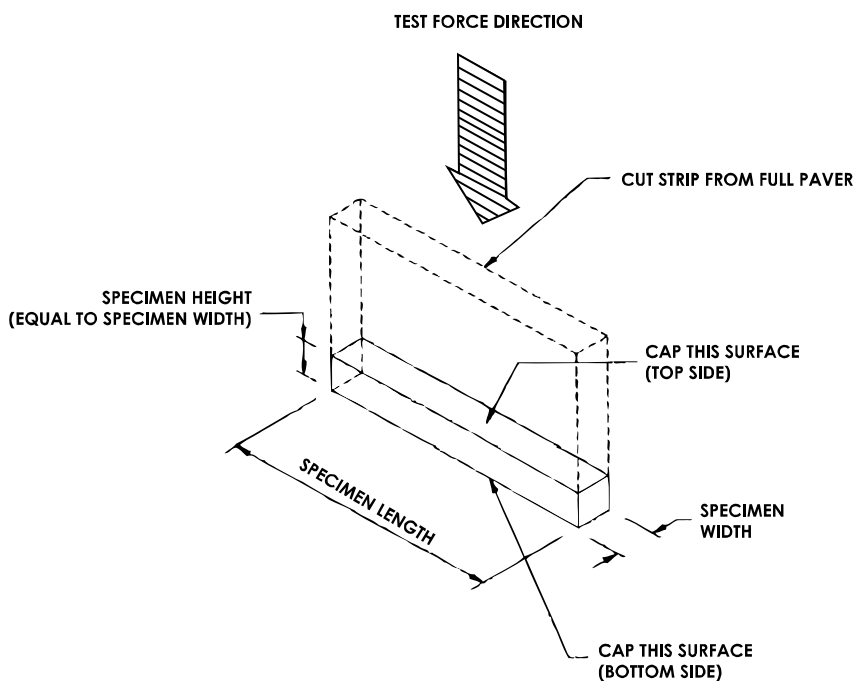
#### ASTM C 140 Compressive Strength Test

This method covers testing of manufactured concrete pavers and paver slabs.

The test is performed by cutting three samples from three whole paver units. Each test sample shall have a height to thickness ratio of 2 to 1 and a length to thickness ratio of 4 to 1. The compressive strength of the sample shall be the net area compressive strength of the whole unit.

Although compressive strength is important, other properties such as durability, permeability, and wear resistance are equally important to consider.

CASTinTACT® recommends the average compressive strength of the test samples to be 9,000 to 10,000 psi in compressive strength to produce strong, durable domes and maintain color luminance



### Compressive Strength Test Setup

Each specimen was capped with gypsum and loaded perpendicular to actual loading of the panel.

Compressive Results (C-140) 28-Days		
Specimen	Dimension (LxW) (in)	Strength (psi)
1	4.0573 x 0.9873	11588
2	4.0855 x 0.9808	12373
3	4.0355 x 0.9868	11192
<b>Average</b>		<b>11718</b>