

# ALHCP-Series

## Description

The ALHCP aluminum hinged cover plate is designed especially for areas where flooring material is needed to bridge a gap. The cover plate bridges the joint gap with minimal preparation for maximum protection. The hinged feature allows for differences in height and movement between the floor slabs.

The ALHCP Series are made from 6061-T5 or 6063-T6 aluminum alloy that is secured on one side of the floor by pre-drilled, countersunk holes anchored into the concrete. The anchors are set into a bed of epoxy adhesive to assure a sound anchor.

Recommended areas for usage include warehouses, parking structures, manufacturing facilities, retail spaces, and stock rooms where the finished floor is concrete. Additionally, they are used in architectural applications where the cover plate must provide safe passage over expansion joint voids and must also accent the interior application.

Optional accents such as color anodized, EPDM looped moisture barriers are available.

**LEED Credits** - One (1) LEED credit depending on the location of the project.

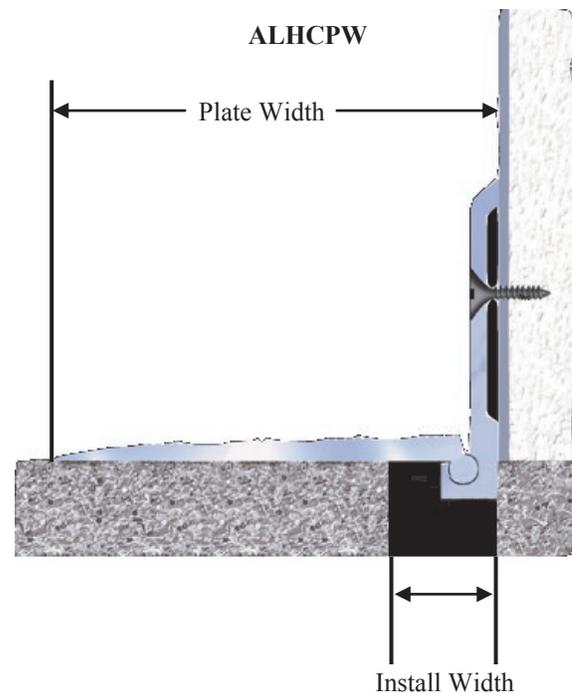
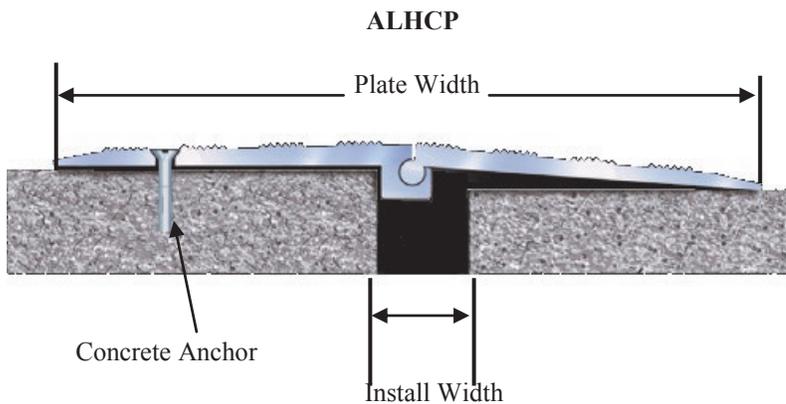
## Features and Benefits

**Ease of Installation** – The layout of the anchor holes along the edge of the plate is a simple process. String line a straight edge parallel to the joint opening. Align the plate holes over the center of the string line and match drill for the anchors. Remove the plate. Clean out all the dust and debris. Place plate into position and install anchors.

**Designed For Top Mount or Recessed** – Either application may be accommodated. Each side has the required ADA slope for the thickness of the plate used.

**Tested To ASTM D-1399** – The design was tested in compression, tension, and deflection for 500 cycles. No loss of anchors was noted.

**Meets ADA Dictates** – The ALHCP Series profiles are engineered to meet ADA standards for pedestrian concerns.



PRODUCT	INSTALL WIDTH IN (MM)	MAX. WIDTH IN (MM)	TOTAL MOVEMENT IN (MM)	PLATE WIDTH IN (MM)
ALHCP-200	2.00" (50.8)	3.00" (76.2.6)	2.00" (50.8)	8.00" (203.2)
ALHCP-300	3.00" (76.2)	7.00" (177.8)	4.00" (101.6)	13.13" (333.5)
ALHCP-400	4.00" (101.6)	7.50" (190.5)	5.50" (139.7)	16.00" (406.4)
ALHCP-600	6.00" (152.4)	14.00" (355.6)	8.00" (203.2)	19.80" (502.9)
ALHCPW-200	2.00" (50.8)	4.50" (114.3)	2.50" (63.5)	5.00" (127.0)
ALHCPW-300	3.00" (76.2)	6.50" (165.1)	3.50" (88.9)	7.00" (177.8)
ALHCPW-400	4.00" (101.6)	8.50" (215.9)	4.50" (114.3)	11.00" (279.4)

