

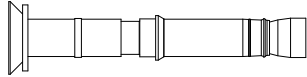
**Parking Garage Series  
Model: EJ-RCP  
Horizontal Expansion Control System**

The following installation procedure is very important and must be fully understood prior to beginning any work. To ensure proper installation and performance of expansion joint system the following actions must be completed by the installing contractor. Failure to do so will affect product warranty.

- 1) Carefully read and understand installation procedure.
- 2) Inspect all shipments and materials for missing or damaged components and hardware.
- 3) Inspect substrate or adjacent construction for acceptance before beginning work. Report unacceptable construction to the project manager for scheduled repair work.
- 4) Review Nystrom's shop drawings for project specific detailed information if such was provided.

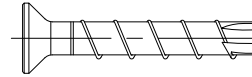
**Molded Elastomeric Hinged Cover  
System for Expansion Control - 07 95 13**

**Standard components**



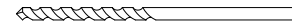
1/4" x 3 7/8" Lg Hilti HSL-3 SK 8/20  
H.D. Concrete Anchor  
(P/N #5717)  
**\* California Kits Only \***

**Or**

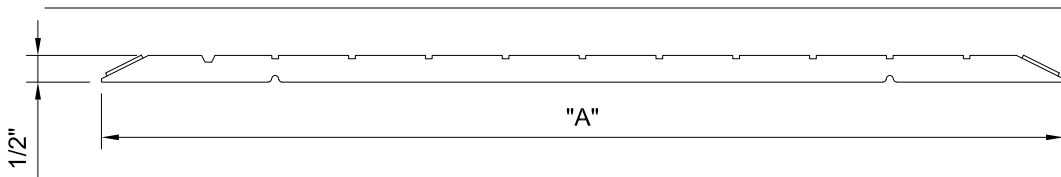


10mm x 70mm Lg. Hilti HUS3-C  
H.D. Concrete Screw  
(P/N #7801)  
**Standard Hardware**

**And**

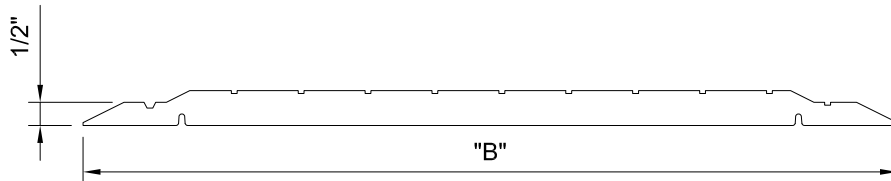


10mm Drill Bit (P/N #7805)  
**Standard Hardware**



Model #	P/N	"A" dim.
RCP-600 - Black	19960	12"
RCP-1000 - Black	19954	18"

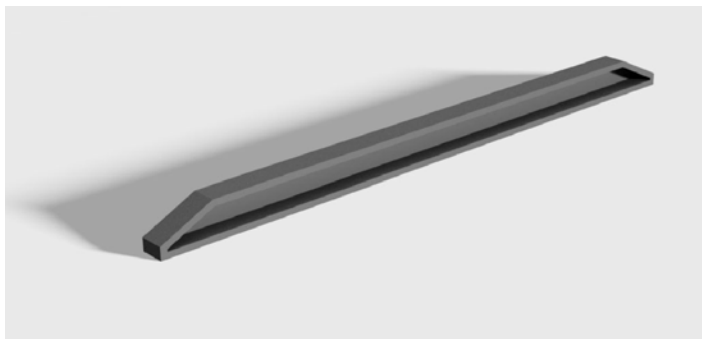
Model #	P/N	"A" dim.
RCP-600 - Grey	19961	12"
RCP-1000 - Grey	19955	18"



Model #	P/N	"B" dim.
RCP-1200 - Black	19980	17 1/2"
RCP-1800 - Black	19970	23 1/2"
RCP-2400 - Black	19990	29 3/4"
RCP-3100 - Black	19940	36 3/4"

Model #	P/N	"B" dim.
RCP-1200 - Grey	19981	17 1/2"
RCP-1800 - Grey	19971	23 1/2"
RCP-2400 - Grey	19991	29 3/4"
RCP-3100 - Grey	19941	36 3/4"

**Components shown below vary in size depending  
on model of system**

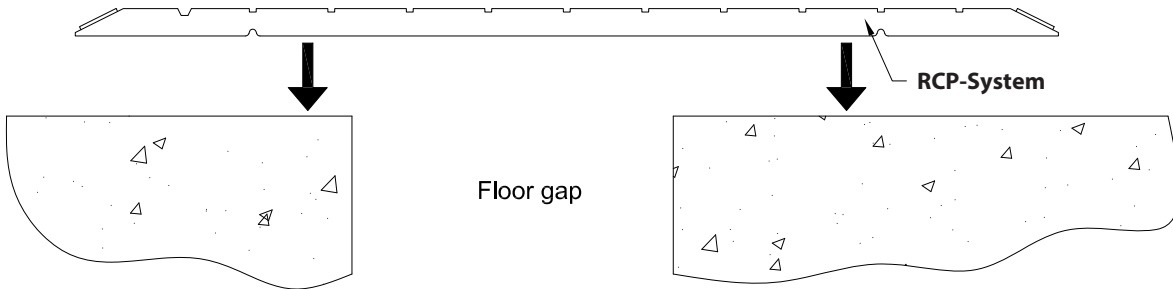


Model #	P/N
RCP-600 - Black	19962
RCP-1000 - Black	19957
RCP-1200 - Black	19982
RCP-1800 - Black	19972
RCP-2400 - Black	19992
RCP-3100 - Black	19942

**RCP End Cap**  
(Refer to Chart for P/N)

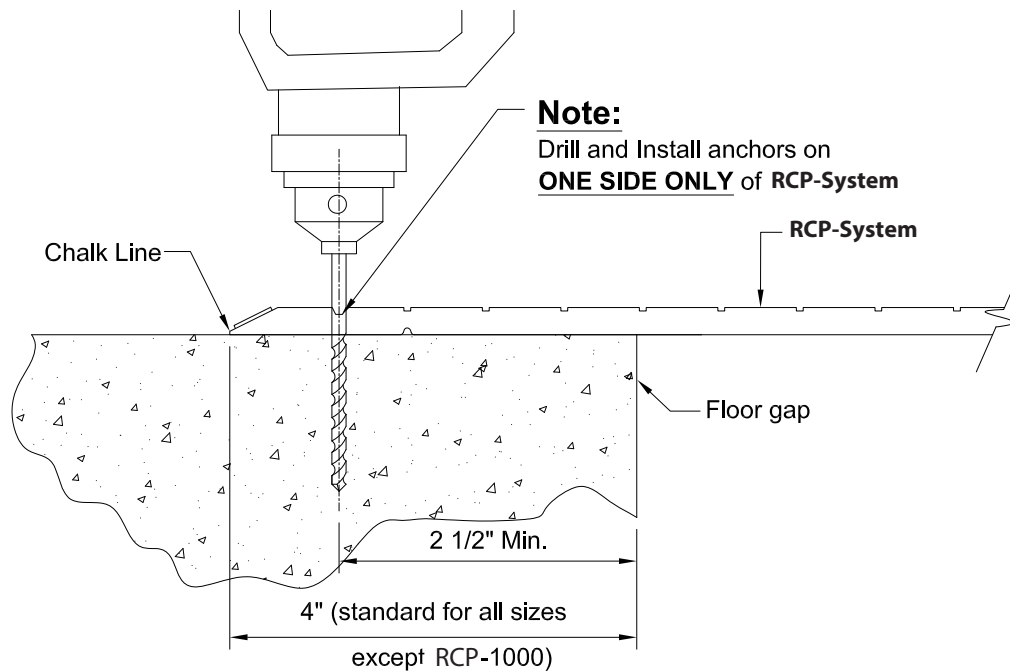
Model #	P/N
RCP-600 - Grey	19963
RCP-1000 - Grey	19958
RCP-1200 - Grey	19983
RCP-1800 - Grey	19973
RCP-2400 - Grey	19993
RCP-3100 - Grey	19943

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**1**

Make sure that the floor is level. High spots should be ground down and low spots filled in. If not able to level out joint opening fasten the RCP along high Side of Opening. If installing more than one piece, lay out entire run to ensure proper alignment. If a section of the RCP has been cut, apply a bead of sealant along the cut edge of the RCP to help prevent the steel Insert from rusting.

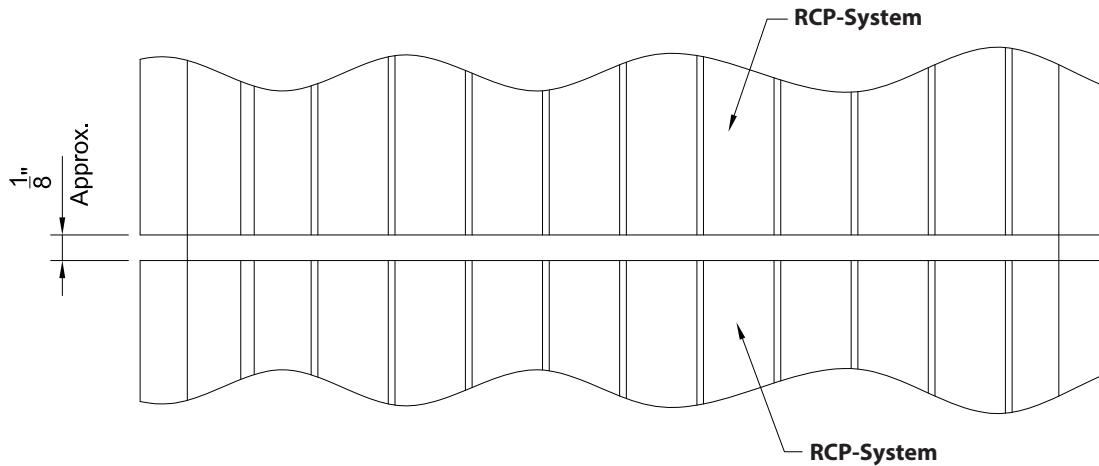


**2**

Drill end holes first. This ensures that the expansion joint will not move and alignment with other joints is obtained. Follow anchor manufacturer's recommendations for drilling operation. Drill Ø10mm holes to proper depth and clean out holes.

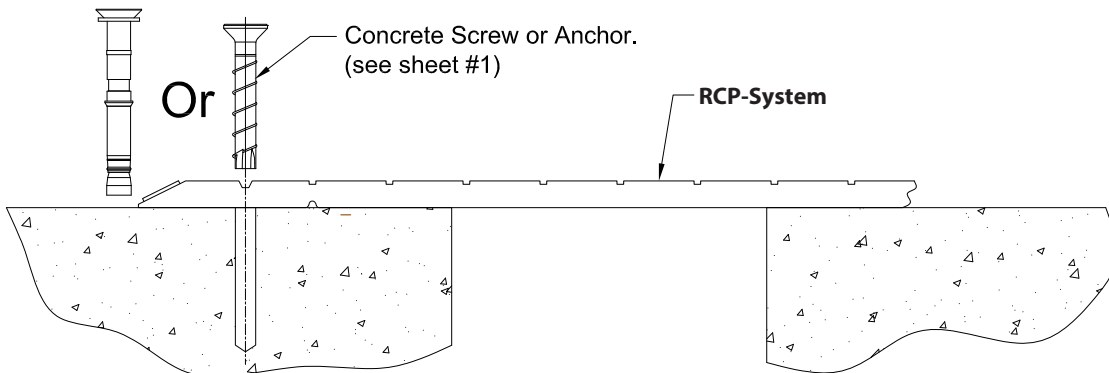
**Notes: Refer to Hilti's website for manufacturer's recommendations for fastening**

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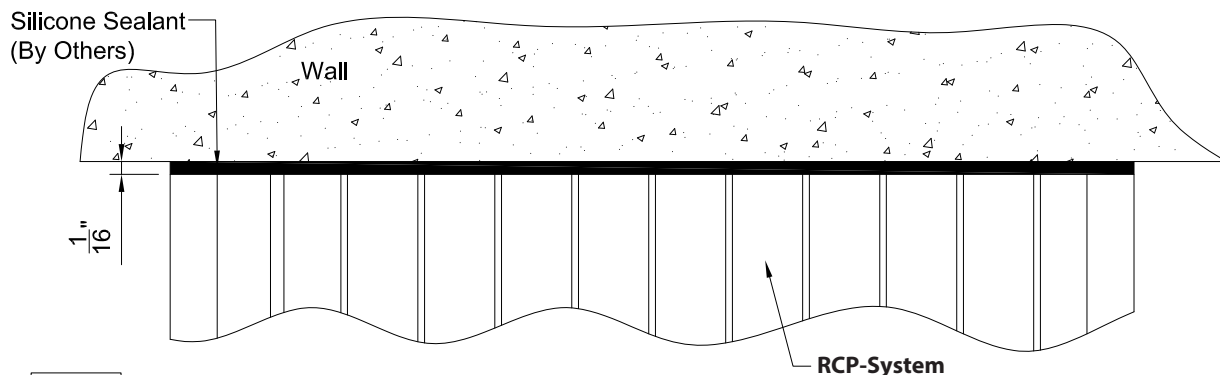
**3**

To allow for thermal expansion of the EPDM Rubber cover, leave a 1/8" Approximate gap between RCP system sections.



**4**

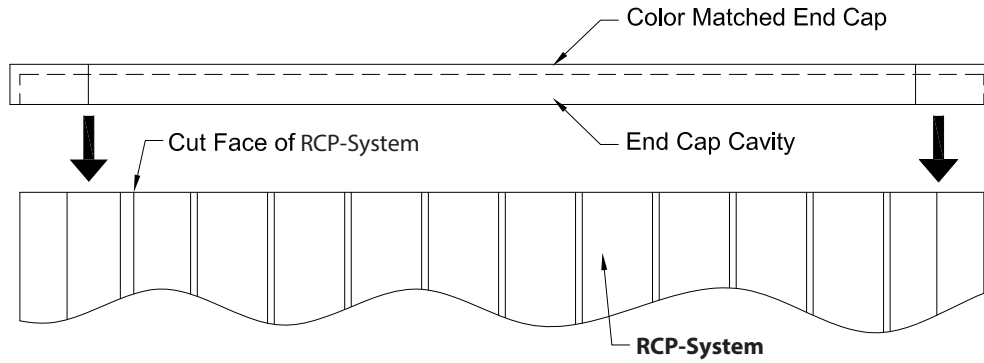
Follow anchor manufacturer's recommendations for proper anchor installation. Once anchors are in the end holes, drill remaining holes 16" O.C. and install anchors. Slight Compression of EPDM cover will occur when Threaded concrete anchor is tightened down.



**5A**

For a wall termination use a portable band saw to cut the RCP & leave about a 1/16" gap between the RCP and the wall. Fill in remaining gap with a bead of silicone sealant (By Others).

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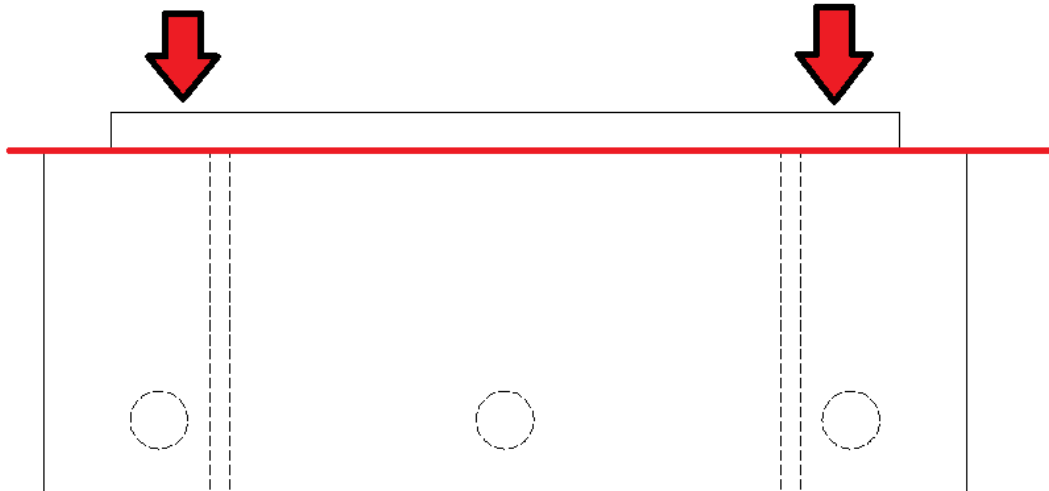
**5B** **For End Cap use (Optional)** - Apply a bead of clear silicone (By Others) in the End Cap cavity and squeeze the end cap onto the cut face of the RCP-System



**6**

**Finished Edges-** Every RCP coverplate comes with a "tongue" on one and a "groove" on the other. The steps for having a 'finished edge' (as shown above) are as follows.

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**7**

**Finished Edges** - Using a sliding compound miter / tile saw, cut off the tongue end (area shown above red line) at required bevel angle. Lubricate if necessary. End result should be as shown in the photo on the previous page.