

Hilti Retrofit addition CP 680 110/4" N-RAD : Installation Guidelines:



Step 1: Place to Install:

Place the RAD with the Red surface facing the bottom of the installed Hilti Fire Collar.

You only need 30mm clearance from the bottom of the slab to do this, and more space is even better.



Step 2: Rotate to Install:

Leverage the RAD so that the Red surface becomes visible from the bottom of the collar.

Even with only 30mm clearance from the bottom of the slab you can do this. With more space it is very easy to do this.



Step 3: Push to Install:

Push the RAD so that the Red surface becomes 100% visible from the bottom of the collar.

The RAD will fit tightly into the bottom of a Hilti Fire Collar, and hold in place for the screws to be inserted into the pre-drilled holes.

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Step 4: Drill to Install:

Screw the RAD so that it is securely fixed into the metal ring in the bottom of the Hilti Fire Collar.

Use a Hex Head socket, and a cordless screw-gun with sufficient torque to drill the screws into the metal ring.



Step 5: Meet to Install:

Position the second half of the RAD so that it meets, but does not overlap, the first half of the RAD.

Then repeat steps 1 – 4 above.

RAD install time should be less than 2 minutes.

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Please Note: The following guidelines are recommended for easy installation:

1: Use only an Hilti SF/H 14-A or Hilti SFH 22-A, which will ensure that you have sufficient torque to drill in the screws.

2: Keep **Continuous Pressure** onto the screw when drilling it in, and keep pushing hard until it is set fully onto the RAD,

Do Not do any stop–start drilling, as the screw may jack the RAD away from the metal ring on the collar as it screws in.

3: Charge the battery before going to site for the installation of the RAD.

4: Take a Hex Head setting socket, of the correct size for the screws, to the site for installation of the RAD.

5: Screw first half of the RAD in, & then make sure the second half of the RAD fits **Without any Overlap** before you screw in the second half of the RAD.

6: Try to ensure that all of the pre-drilled screw holes in the RAD are lined up to miss the cross pipes of the 4 way riser, as this will make the drilling process very easy to do.

7: If you have any further questions, or feedback on the installation process, then please contact our National Customer Service Team on 131 292 as below.

Document Reference : RAD Installation Tips, March 2014 : Page 3 of 3