

INSTALLATION OF HILTI CP 617 FIRESTOP PUTTY PAD

Installation Guide

Installation of Hilti CP 617 Firestop Putty Pads must be executed according to the tested UL systems and Hilti's Instructions for Use (IFU) to ensure the product will achieve its tested performance in case of fire. Hilti CP 617 putty pads are to be installed in accordance with the Wall Opening Protect Materials document (CLIV, CLIV7) as listed by UL.

The information below is meant to support the Hilti CP 617 Firestop Putty Pads Operating instructions.

Actions before

- Ensure appropriate 23°F/-5°C to 104°F/40°C storage temperatures as stated on the product label and application temperatures of 32°F/0°C to 104°F/40°C
- Use clean and suitable gloves free of dust and fibers
- Source the right pad size for the correct electrical box size, see section at the end of this document

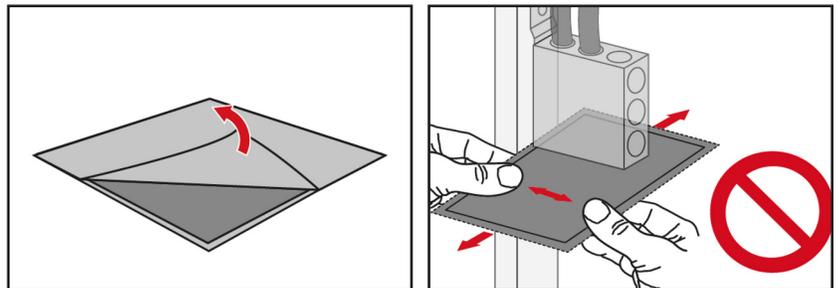
Step 1: Clean the boxes appropriately

Metal or plastic surfaces of the boxes as well as adjacent adhesion areas (studs, channels or support members) need to be thoroughly clean of dust, debris, moisture, oils or solvents.



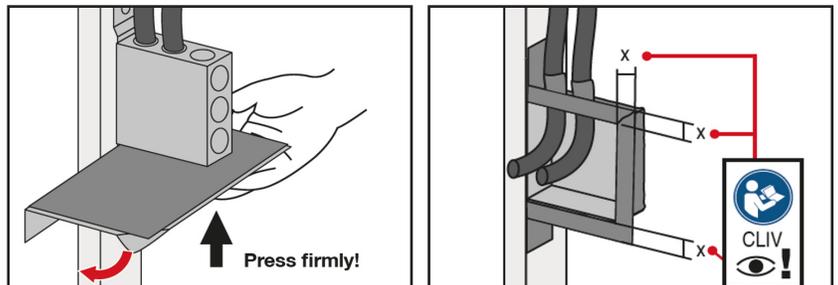
Step 2: Apply after peeling off the silicone paper

After removing paper backing, avoid contaminating the putty surface before application (i.e. keep away from dust, debris, fibers, oils, etc.) to ensure proper adhesion between the pad and surfaces. Do not stretch the pad!



Step 3: Wrap around all sides of the box

CP 617 putty pad needs to be applied to all sides of the electrical outlet box and lap min 1/2" onto the surrounding areas (like wood or steel studs) in accordance with the UL / CLIV listing. We recommend to start the installation from the bottom up.

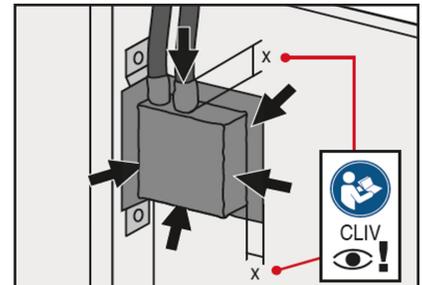
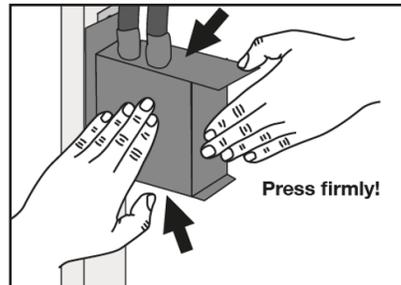


INSTALLATION OF HILTI CP 617 FIRESTOP PUTTY PAD

Installation Guide

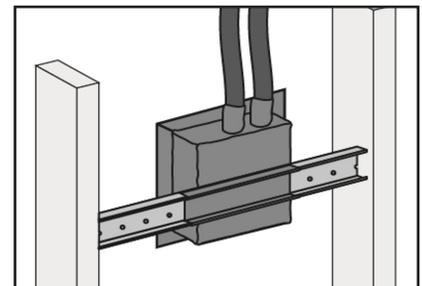
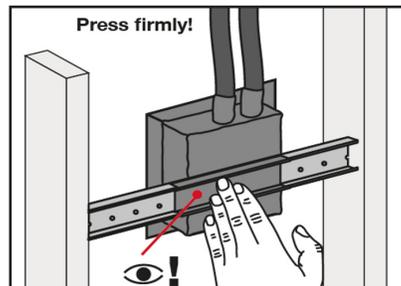
Step 4: Firmly press the pad to all surfaces of the box, channels/brackets and ensure appropriate overlap

If the pad does not fit an electrical outlet box, a larger pad size should be sourced. If installation requires more than one pad to be used, the pads can be adjoined together with an overlapping area of min 1/2" - this area should be firmly pressed to ensure proper adhesion of pads to each other and the electrical outlet box. This is crucial for its performance (fire, acoustics, etc.)



Step 5: Avoid any air pockets or spanning the pad over gaps

CP 617 needs to be applied with firm pressure to ensure proper adhesion over the entire surface, removing any air pockets; CP 617 should be applied following the surface of the electrical box and any channel across the back, ensuring the surface of the channel is fully engaged. The CP 617 cannot be installed by spanning the channel.



How to select the right size of Putty Pads

Measure the height of the box (x) and add twice the depth of the box (y), plus 1" for overlapping (i.e. 1/2" on both sides). If the result is less than 6" => use CP617 6x7 (# 309760). If the result is more than 6" but less than 7", use CP617 7x7 (# 333583). If the result is more than 7" but less than 9", use CP617 9x9 (# 373387).

Note: Measure on the outside of the box and potential extensions

