



March 14, 2017

To whom it may concern,

This letter is in reference to utilizing Hilti CP 506 Smoke and Acoustic sealant around Cast Iron Pipe.

Hilti understands that Cast Iron Pipe is sometimes coated with a bituminous layer to help with corrosion resistance.

Bituminous coatings are petroleum-based, and can therefore chemically interact with CP 506. The CP 506 IFU requires the removal of oils from all surfaces – this includes bituminous coatings.

If CP 506 is required for this application, a work-around process can be used. The process is intended to create a physical barrier between the bituminous coating and the CP 506 through the use of a compatible adhesive tape. Please review steps below:

1. Obtain a bituminous-compatible adhesive tape with a backing material
 - a. Suitable Backing Materials:
 - i. Polypropylene (PP)
 - ii. Polyethylene (PE)
 - iii. Aluminum
2. Measure circumference of pipe
3. Cut length of adhesive tape to (pipe circumference plus additional ½")
4. Adhere tape to pipe in a tight wrap according to manufacturers' instructions, making sure tape overlaps itself ½" and is recessed into wall cavity enough to accommodate required depth of CP 506, and covering all pipe surfaces which may come in contact with CP 506.
5. Install Hilti CP 506 per IFU only on the suitable backing material. Avoid contact with the bitumen on pipe or tape.

Any installation other than this method will need to be verified prior to installation.

Thank you,

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