



*Lakeshore Environmental
Contractors, LLC*



PANCRETE – PAN IN A CAN

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STANDING WATER



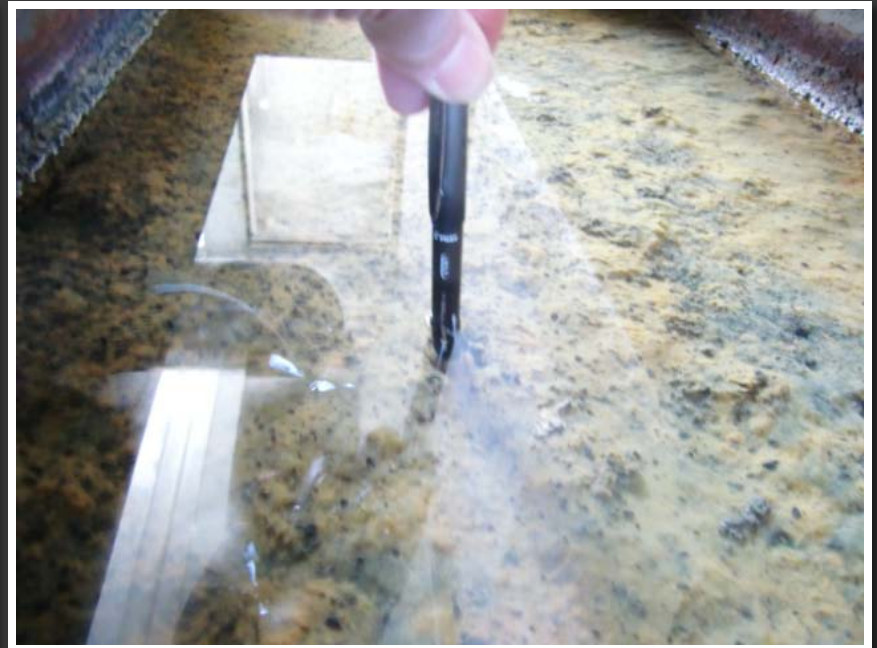
After a few short years when the condensate pan in your HVAC system becomes corroded and surfaces become irregular, troublesome leaks start.

Applying Pancrete to your HVAC condensate pans, makes the surface like new again, providing a tough surface that is chemically resistant to concentrated coil cleaners. It automatically fills in irregular surface characteristics, providing a smooth, chemically resistance surface for the condensate pan.

AHU IN NEED OF CARE



Air Handling Unit in Need of Remediation



Condensate Pan with Standing Water

FILLS VOIDS, PITS & LEVELS



Pancrete automatically fills in pits and irregular surface characteristics, providing a smooth, enamel surface that is unaffected by harsh coil cleaners.

Additionally, some pans develop low spots where water can stagnate. Pancrete will form a level pan, so that water goes where it should - down the drain.

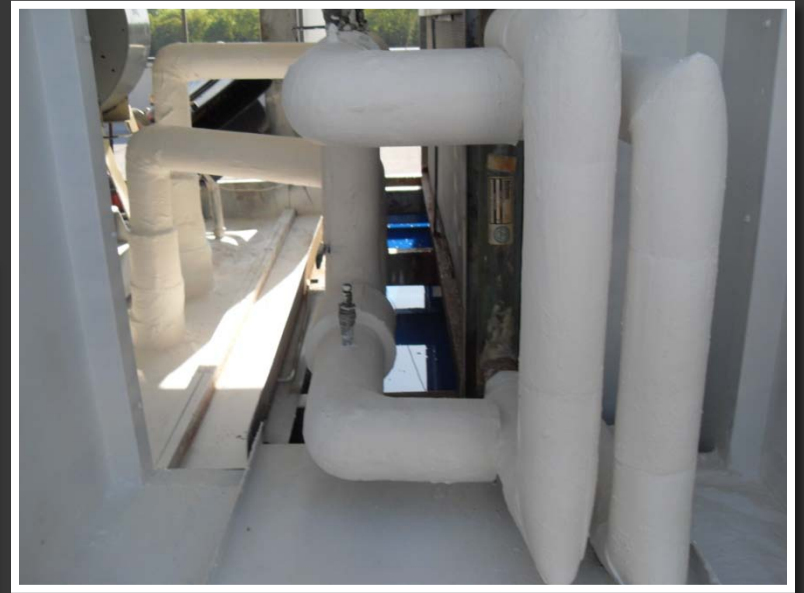
DURABLE LEVEL PAN



Pancrete forms a durable level pan, eliminating low spots that inhibit drainage.
Water goes where it should—down the drain.



INSTALLATION EXAMPLE 1





INSTALLATION EXAMPLE 2





PANCRETE PERFORMANCE

Submersible, Chemical-Resistant Anti-Corrosion, Metal Resurfacer

Pancrete is a high performance, corrosion proof product with high adhesion to metal and plastic surfaces. Resists corrosion on aluminum, galvanized, copper and stainless steel.

- Stops pan leaks
- Automatic pan leveling
- Not affected by coil cleaners
- Ensures long life to new pans
- Strengthens your pan



PANCRETE APPLICATION

- The HVAC system must be shut down during the procedure.
- Prep everything first.
- Install Critical Barriers – Prevent odors downstream prior to curing.
- Pancrete begins to set up in about 20 minutes.
- Pancrete will set up in it's container within 30 minutes.
- Valleys and unlevel pans may require more than originally calculated.
- Build up a capped drain opening to higher than expected Pancrete level.

Vertically fixed drains required a ninety-degree capped elbow to raise just to the expected level of Pancrete.

- Prep new surfaces HEPA vacuum and Scotch Brite pad, rinse and dry.
- Old rusted pans are prepped by removing all dirt and loose rust completely.
- In areas where grease is possible wash the surface with TSP and apply
Clean Bond – Powerhouse Cleaner & Adhesion Promoter.
- Blow surface dry with compressed air if available.
- Mix full amount of each can only.
- Screws, bolts or anything which may need to be taken out later needs to be taken into consideration.
- Pancrete will be sufficiently set up so that unit may be turned back on within 4-6 hours.**

NEW CONDENSATE PANS BENEFIT



New condensate pans should be coated to remove dead spots on the pan surfaces, and protect the pan's surface from corroding. Applying Pancrete to a new pan will extend the life of the pan dramatically and perform better than a factory installed original galvanized pan.



PANCRETE QUESTIONS AND ANSWERS

Q: Both alkaline and acid coil cleaners are very corrosive to drain pan metals, and coatings as well. How does Pancrete stand up to these strong industrial chemicals? Will it last?

A: Pancrete is engineered to have no effect from chemicals, even concentrated coil cleaners normally aggressive to metals.

Q: I've read that the EPA recommends against stagnant water in drain pans. How does this occur and can Pancrete help this concern?

A: Most pans are not level, and water may build up in parts of the pan. Pans may also have hills and valleys in them where water can stagnate and not drain properly. Pancrete after mixing has a water-like consistency, and will self level the complete pan, eliminating areas of stagnant water.

Q: How long will my unit be out of service when I use Pancrete?

A: Pan preparation is the most time-consuming part of the process. Once Pancrete is poured, the unit can be back in service in as little as 4 to 6 hours depending upon temperatures.

Q: Is Pancrete going to be cost-effective?

A: Very much so. It is not uncommon on larger air handlers to save as much as 85% of the cost of a new pan replacement.

Q: How long will Pancrete last?

A: A Pancrete pan will not rust or wear out. It is chemically resistant to coil cleaners, provides a permanently smooth surface, and should outlive your equipment.

Q: Can Pancrete be used on older pans with foam insulated bottoms?

A: Yes.

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