

MAKING PIGS FLY

- What You Need
- Prep
- Mixing
- Application
- Clean Up



What was impossible in architectural coatings is now possible.

Flying Pig Coatings® is a low-build, sprayable cement-acrylic hybrid coating that provides enhanced resistance to wind-driven rain while allowing for a breathable finish. It's an all-in-one primer, block filler and finish coat, and is ideal for difficult substrates like concrete, block and brick exterior walls. As a pro, here's what you need to know to make pigs fly!

What you need



or



or

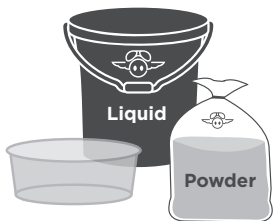


- **Pump:** Gas or Electric Airless Sprayer
- **Pressure:** 2200-3300 psi
- **Tip:** 0.021" (521 Tip)
- **Gun Filter:** 60 Mesh
- **Hose:** 1/4" - 3/8"

1/2" Professional Grade or Thicker Nap or Pile Roller

Synthetic Brush (polyester, nylon or blend of two)

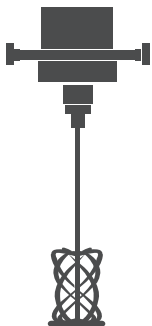
Or a combination of the three (see Application)



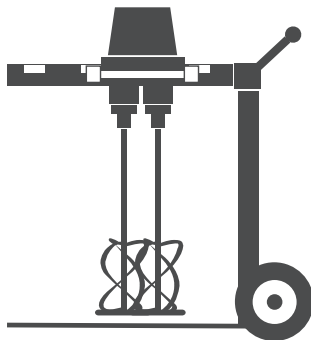
Flying Pig two-part product
(Powder and liquid are
enclosed in bucket.)



Clean and empty
5-gallon pail



Dual Helix Mixer
(Eibenstock
EZR22R R/L Set "Special")



Mixing Stand

Prep

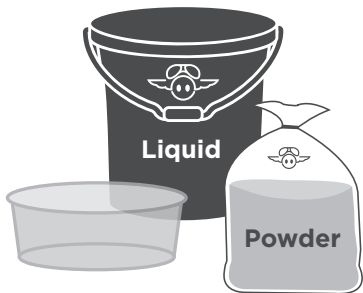
***Your safety is important to us.** Before starting a new project, please consult our *Technical Data Sheet (TDS)* and *Safety Data Sheet (SDS)* at flyingpigcoatings.com/datasheets*

- All surfaces must be sound and clean. Entire surface area to be coated should be free from oil, wax, concrete curing agents and bond breakers, chalk, efflorescence, mildew, rust, product fines, dust or any other surface contaminants that could affect the performance of product.
- Remove any loose, peeling or cracking paint by scraping, sanding, power washing, wire brushing, electric sanding or grinding, or by whatever means deemed necessary.
- Repair any severely damaged areas (tuck pointing, patching, etc.) and caulk all open seams.
- Sand all glossy, rough and patched surfaces. Feather back all rough edges to sound surface by sanding.
- Areas affected by mildew should be treated with a commercial mildew remover.
- Clean surfaces per ASTM Standard Practice D4258-83: Standard Practice for Surface Cleaning Concrete for Coating.
- Allow all new concrete and masonry to cure/dry for at least 7 days before applying product.
- Test the wall for coating acceptability prior to application of coating. This can be done by spraying the wall with water. If the water soaks into the wall, the wall is properly prepared and can be coated when dry. If the water beads up and is repelled, the wall requires further cleaning prior to application of the coating.
- Power wash. Product can be applied when damp. Do not apply to surface with standing water.

Mixing

Product is a two-part mixture. Powder and liquid are combined and mixed onsite.

1.



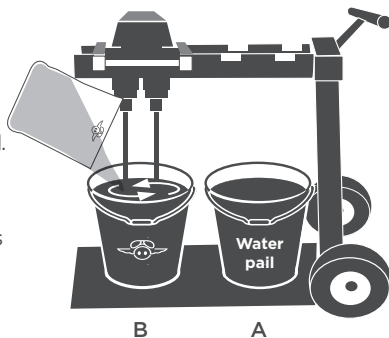
- Remove lid. Place on ground in an inverted position.
- Remove the bag of Flying Pig powder mix and tray insert from product bucket.

2.

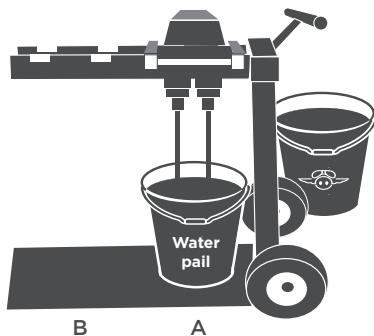


- Fill an empty 5-gallon pail 3/4 full of clean water and place on the mixing stand in position A. (Water pail is for cleaning paddles after mixing process is complete).

- 3.
- Place Flying Pig bucket with liquid on mixing stand in position B. Place mixer in bucket.
 - Open bag of Flying Pig powder mix.
 - Start mixing the liquid in the dashed-arrow position on speed setting A.
 - Slowly and carefully add powder to liquid. (Typically 1-2 minutes.)
 - Slowly increase mixer speed to setting C.
 - After 1 minute, turn off mixer, scrape sides of the pail all the way to the bottom, carefully rotate pail a half turn, scrape sides of pail all the way to the bottom again.
 - Turn mixer on and gradually return speed to setting C for 1 more minute.
 - After product is uniform, return mixer to setting A, then stop mixer.



- 4.
- Transfer mixer from pail with mixed product to pail of clean water in position A.
 - Remove finished product pail from mixing stand.
 - Turn on mixer for 10-20 seconds to remove product from paddles.
 - Be sure to allow paddles to drip off excess water prior to placing into next Flying Pig Coatings liquid pail.



Application

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Prep surface per instructions and read all labels. Mix thoroughly to a uniform consistency before use. **DO NOT THIN.** Intermix pails of same product to ensure color uniformity for large jobs.

Flying Pig Coatings® may be applied with any of the following:



SPRAY APPLICATION (Recommended. See sprayer specs in “What you need.”) 521 Tip



ROLLER APPLICATION

1/2” Nap Professional Grade or Thicker Nap or Pile Roller



BRUSH APPLICATION

Synthetic Brush (polyester, nylon or blend of two)

- Ensure that all liquid is drained or cleared from equipment prior to running product through the machine as any contamination could cause breakdown of product.
- Product should be applied so that a wet mil thickness of 5 mils per coat is achieved. May vary slightly depending on the condition and porosity of the surface.
- During spray application it is recommended to back roll surface area to obtain a smooth even application, good adhesion and to effectively work material into porous surfaces.
- Maintain a wet edge at all times to prevent lap marks.
- Avoid starting and stopping midway on the wall surface.
- Apply only when both surface and ambient temperatures are above 50° F and below 100° F. Do not apply product in direct sunlight.
- Do not apply product if rain is forecast within the next 12 hours or if there is a strong likelihood of moisture buildup on the surface overnight.

Clean Up

Lunchtime Cleanout Procedure

- Run clean water through pump until all product is pushed through lines.
- Run 4-5 gallons of extra clean water.
- Remove and rinse manifold filter and spray tip/guard. Store in a bucket of water.
- Put pump and hoses in shade or out of direct sunlight.
- Run cool water in lines after sitting. Treat as a reactive coating.

End of Day Cleanup Procedure

- Run clean water through pump until all product is pushed through lines.
- Cycle purge valve back and forth a few times with pump running.
- Run 4-5 gallons extra clean water.
- Remove and rinse manifold filter and spray tip/guard.
- Remove rock catcher and thoroughly clean.
- Wash off outside of pickup tube as thoroughly as possible.
- Make sure hose fittings are clean before storing.



FLYING PIG
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