



JETaFLOW™ High Build

Self leveling mortar for applications 1/8" to 2 1/2" thick

Repair Thickness

1/8" to 2 1/2"

Set Time

1 hour

Application Technique

Pour, Pump

Where to Use

- Unleveled concrete
- As an underlayment
- As a wear surface
- Interior or exterior surfaces
- Warehouse floors
- With radiant heat flooring
- Decorative flooring

Features

- Heavy duty – Over 4500 psi
- One component—Just add water
- No troweling—Self leveling
- Portland cement based
- Polymer modified
- Pumpable
- Short wait for foot traffic

Packaging and Yield

50 lb package

25 sq ft at 1/4"

50 sq ft at 1/8"

Product Description

JETaFLOW High Build is a heavy-duty 1 component polymer modified, self-leveling underlayment, concrete repair, and resurfacing mortar. **JETaFLOW High Build** is simply mixed with water and applied from 1/8" to 2.5" thick in one application. Product is ready for light traffic in 4 to 6 hours at 70° F.

JETaFLOW High Build is a special blend of cements, aggregates and exclusive modifiers. Designed for general purpose and high performance underlayment, concrete repair or resurfacing applications.

For Best Results

Apply to a clean, dry sound substrate above 40° F. For all uses, apply primer to surface before application. Check moisture content (mat test) prior to applying any waterproof topping. Do not retemper already mixed material. On highly porous substrates and wood substrates contact the manufacturer for recommended application procedures.

Surface Preparation

Surface preparation is critical. Existing surface should be clean, sound, and free of oils, curing compounds, dust or any other foreign matter. Preparing surface by mechanical means such as grinding or shot blasting is recommended. Priming the surface is necessary to self-level. Broom **JETaFLOW Primer** onto sub-floor, making sure not to puddle primer. Allow **JETaFLOW Primer** to get tacky and dry clear (1 to 2 hours in normal conditions) before self-leveling application. For extremely porous surfaces, 2 coats of primer may be required.

Mixing Guidelines

Approximately 5 quarts of water are required to mix 50 lb of product. Always add and mix product into water using a paddle mixer. Mix for no less than 3 minutes.

Application

Pour **JETaFLOW** onto the primed surface. To break surface tension a porcupine roller is recommended. For large area applications it is recommended to start near the perimeter in a continuous operation using a long handle spreader to distribute the product where needed. For patching application, pour material into primed area to level. For applications over 1" use **JETaFLOW High Build**. Apply to primed, clean sound substrates only. Contact JE Tomes for any questions.

Curing

Rapid drying of cement-based products may cause cracking or de-bonding. Avoid applications in high winds, excessive heat or blowing air directly on freshly placed product. Contact JE Tomes if you have any questions or particular concerns with your application.



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JETaFLOW™ High Build

Technical Data

| | | |
|-------------------------------------|------------------|-----------|
| Compressive strength, 28 day | Exceeds 4500 psi | ASTM C109 |
| Compressive strength, 7 day | Exceeds 3600 psi | ASTM C109 |
| Freeze/thaw durability | Excellent | ASTM C666 |
| Shrinkage rate, 28 day | Less than -0.11% | ASTM C157 |
| Bond strength | Exceeds 150 psi | ACI 503 R |
| Color | Concrete gray | |

Reasonable variations for the above data can be expected depending on field conditions, surface preparation, curing, contractor expertise and evaluation and/or handling of test cylinders. Contact JE Tomes for additional details.

LIMITED WARRANTY

JE Tomes & Associates, Inc. warrants its products to be free from manufacturing defects and will deliver, at no charge, an equal amount of packaged product as that amount proven to be defective when applied in accordance with manufacturer's written directions by contractors experienced in this application, and used in applications recommended by the manufacturer as suitable for the product. All claims concerning product defects must be made within twelve (12) months of use of the product. THERE ARE NO OTHER WARRANTIES BY JE TOMES & ASSOCIATES, INC. OF ANY NATURE WHATSOEVER, EXPRESSED OR IMPLIED, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE IN CONNECTION WITH PRODUCTS WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. Buyer's sole and exclusive remedy for breach of any warranty shall be replacement of defective product. JE Tomes & Associates, Inc. shall not be liable for any damages, including consequential damages, except as otherwise set forth therein.