

Rapid Set Roof Leveling Compound

For Professional Use Only

DESCRIPTION

- Two-component roof leveling compound
- Effectively eliminates ponded areas on roofs
- Fast cure - can apply any roofing system over Forti-Level in 4 hours
- Self-leveling - flows to and fills low areas
- Formulated with environmentally friendly renewable components
- Cures to a flexible, highly durable membrane
- Exceptional adhesion to weathered roofing substrates and concrete
- Waterproof - extreme water and freeze-thaw resistance
- Lightweight - weighs less than water
- Easy mix formula
- 100% solids ensure maximum film build per gallon
- VOC-free, meets even the most stringent VOC regulations

RECOMMENDED USES

Forti-Level is designed as a fast cure, extremely durable self-leveling compound for the elimination of ponded areas on all types of flat roofs. The addition of FortiThix fibers will allow Forti-Level to also be used for the installation of roof crickets.

COLORS

Standard Colors: Gray

PACKAGING/SHIPPING INFORMATION

CONTAINERS 1 x 4.5 Gallon Kit Consisting of:

SHIPPING CLASS - 60

1 x 4 Gallon pail Component B containing 3.6 gallons

1 x 1 Gallon pail Component A containing 0.9 gallons

Property	Test Method	Result
Volume Solids	ASTM D-1653	100 $\pm$ 2%
Weight Solids	ASTM D-1644	100 $\pm$ 2%
Tensile Strength	ASTM D-638	$\pm$ 1000 PSI
Adhesion (to concrete)		> 300 PSI
VOC	EPA Method 24	0 g Liter
Hardness (Shore A)	ASTM D-2240-81	60 $\pm$ 5
Viscosity (A component)		200 $\pm$ 50 mPa.s
Viscosity (B component)		2500 $\pm$ 50 mPa.s
Permeance	ASTM E-96	0.02 Perms
Flashpoint		none
Shelf Life		1 Year
Density		7.1 lbs/gallon
Mix ratio (by volume)		1 "A" : 4 "B"

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SURFACE PREPARATION

General: Surfaces to be coated should be dry, free of dust, dirt, oil, peeling coating, and other foreign matter. For optimal results, power wash all surfaces with a minimum of 2000 psi using a wide fan tip. All necessary precautions should be taken to avoid damage to the substrate.

Mildew should be treated with a bleach solution (1 part bleach, 2 parts water) and rinsed thoroughly. Patch and repair cracks or holes with appropriate sealants or caulking materials.

Masonry: Allow fresh masonry to cure a minimum of 30 days, prime with Fortiprime GP.

Metal: Rusty metal must be cleaned with a wire brush and primed with FortiPrime Metal.

Other: For brand new and other substrates, consult your FortiSystems representative for primer recommendations.

APPLICATION/Mixing Instructions

1. Stir B component with a drill mixer to achieve surface movement for 2 minutes.
2. While mixing, add the entire 1 gallon of the A component and continue mixing until completely mixed in, this will take 3-to-5 minutes.
3. Pour the mixture onto the area to be leveled and squeegee into the desired area if necessary.
4. Apply additional buckets of Forti-Level as required.
5. Pot life will be approximately 25 minutes.
6. Continue with roofing system installation once the material is tack free to the touch, typically within 60 minutes.

Application properties

Yield (1 gal to 100 sq ft)	16.0 dry mils
Gel Time (75° F)	+ 40 minutes
Tack Free (75° F)	+ 4 hours
Pot Life (5 gallons @ 75° F)	25 minutes
90% Cure	24 hours

COVERAGE RATE:

Apply Forti-Level as necessary, at any thickness.

4.5 gallons to 56 sq ft. yields 1/8" thickness
 4.5 gallons to 29 sq ft. yields 1/4" thickness
 4.5 gallons to 15 sq ft. yields 1/2" thickness

LIMITATIONS

The surface must be clean and dry. Do not apply over wet substrates or when inclement weather is imminent.

SAFE PRACTICES

This product is designed for professional installation. Before working with this product, you must read and become familiar with the available information on its risks, proper use, and handling. Information sources include but are not limited to MSDS and product labels. More resources are available at www.forti-systems.com or by contacting your FortiSystems representative.

WARNING: Individuals with chronic respiratory problems, or prior respiratory reactions to such materials, should not be exposed to vapors. All personnel entering the application area, including the applicator, must wear suitable respirators.

EQUIPMENT

Minimum requirements:

- Drill mixer to properly mix 5-gallon pail
- Squeegee
- FortiThix fibers if thickening is required

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