



# POND BUSTER 5000

## Technical Data Sheet

For Professional Use Only

## Rapid Set Roof Leveling Compound

### Recommended Uses

Pond Buster 5000 is designed as a fast cure, extremely durable, self-leveling compound for the elimination of ponded areas on all types of flat roofs.

### Description

- Two component roof leveling compound
- Effectively eliminates ponded areas on roofs
- Fast Cure - Can apply any roofing system over Pond Buster in 4 hours
- Self-leveling - Flows to, and fills, low areas
- Formulated with environmentally friendly renewable components
- Cures to 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

### Colors

Standard Colors: GRAY

### Packing/Shipping Information

**CONTAINERS** 1 x 4 Gallon Kit Consisting of:

1 x 5 Gallon pail Component B containing 3.3 gallons

SHIPPING CLASS - 60

1 x 1 Gallon bag Component A containing 0.7 gallons

## Typical Properties

Property	Test Method	Results
Volume Solids	ASTM D-1653	100 +/- 2%
Weight Solids	ASTM D-1644	100 +/- 2%
Tensile Strength	ASTM D-638	+/- 1000 PSI
Adhesion (to Concrete)		< 300 PSI
VOC	EPA Method 24	0g Liter
Hardness (Shore A)	ASTM D-2240-81	60 +/- 5
Viscosity (A Component)		200 +/- 50 mPa.s
Viscosity (B Component)		2500 +/- 50 mPa.s
Permeance	ASTM E-96	0.02 Perms
Flashpoint		None
Shelf Life		1 Year
Density		7.1lbs/Gallon
Mix Ratio (by volume)		1 "A" : 4 "B"

## 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 ( 1part 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, check for PH level; higher than 12 call your Proguard rep.

**Acrylic:** Ensure clean and dry; then apply Pond Buster

**Silicone:** Ensure clean and dry; apply a top coat of silicone and broadcast granules; let cure and apply Pond Buster.

**EPDM:** Use an EPDM wash; clean and dry; apply Pond Buster

**TPO or PVC:** Must be 2-3 year old aged surface; ensure clean and dry; and apply Pond Buster

**BUR or Mod-Bit:** Must be granulated, clean and dry; apply a Pond Buster

**Metal:** Rusty metal must be cleaned with a wire brush, clean and dry; apply a coat of acrylic based metal primer to prevent further rusting; apply Pond Buster

**Other:** For brand new and other substrates consult with your Proguard rep for primer recommendations

**LIMITATIONS:** Surface must be clean and dry. Do NOT apply over wet substrates or when inclement weather is imminent.

## Applications

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

### Applications Properties:

Yield (1gal 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)	20 minutes
90% Cure	24 Hours

### Coverage Rate:

4 gallons to 50 sq ft	Yields 1/8" thickness
4 gallons to 25 sq ft	Yields 1/4" thickness
4 gallons to 13 sq ft	Yields 1/2" thickness

## Equipment:

Minimum Requirements:

- Squirrel Drill mixer to properly mix 5 gal pail
- Squeegee

## Safe Practices

The 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 not limited to, MSDS and product labels. More resources are available at [proguardbuilding.com](http://proguardbuilding.com) or by contacting Proguard Building directly.

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