

# BEAKGUARD®

## Woodpecker Deterrent Elastomeric Coating

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### Description:

“BeakGuard” is a new product concept incorporating a blend of ingredients that offer safe and effective deterrent protection from woodpeckers. These compounds immediately communicate a warning signal to the birds, prompting them to find a more desirable location. The success rate exceeds 70% in preventing further damage. In fact, humans and animals are very sensitive to these components. For example - taste testing has determined that people can detect our ingredients in water at 50 parts per billion.

BeakGuard is a Breathable Elastomeric Acrylic Finish formulated to apply like standard latex paint. Performance on the other hand far exceeds your typical latex product. BeakGuard offers outstanding coating durability, extended service life, provides maximum dirt pick-up resistance and weatherability in a vapor permeable, flexible membrane with exceptional color retention. Although specifically formulated for EIFS and existing acrylic finishes, BeakGuard is easily applied to virtually any exterior surface including wood, fiber-cement, stucco, aluminum or vinyl.

### Color

20 standard colors, see color chart for specifics. Special colors available upon request, virtually no limit to selection; see color chart for special color formulation policy.

### Container

48 pounds net weight / 5-gallon pail  
9 pound / 1 gallon pail

### Environmentally Safe:

BeakGuard will not harm woodpeckers or any other bird species. The ingredients in BeakGuard are found in many consumer products today – even nail biting and thumb sucking deterrents for children incorporate this technology. The National Safety Council and American Medical Association recommend similar agents be used, along with other safety measures, in products defined as mild to moderately toxic.

### Use

BeakGuard is a decorative “Deterrent” coating reducing the potential of Woodpecker damage for both new and existing buildings. Also used to change the color of existing structures when maximum crack coverage and bridging capabilities are required. BeakGuard provides a durable protection barrier against the environment for most any cladding material.

### Advantages

- Environmentally Friendly
- Will NOT Harm Wildlife
- Applies like Standard Latex Paint
- Plasticizer Free - Mildew Resistant
- Dirt Pickup Resistant – Will not Chalk
- Flexible in any Environment
- Bridges Hairline Cracks

### Adhesion

Excellent adhesion to properly prepared surfaces, EIFS, Acrylic Finishes, Existing Latex Paint, Wood & Fiber-Cement Sidings, Vinyl and all Stuc-O-Flex Finish Products.

## Coverage

Approximately 800 square feet per 5 gallon container, depending on substrate & application method. Apply 2 coats of BeakGuard where maximum crack resistance and substrate protection is required.

## Surface Preparation

Substrate must be clean, dry, and free from all loose or foreign materials prior to application.

## Application

BeakGuard may be applied by brush, roller, paint pad or appropriate spray equipment. Thinning of the product is not recommended. BeakGuard should be screened prior to spray application. Back-rolling is recommended when applying over acrylic finishes or other textured substrates. BeakGuard should be applied at a minimum thickness of 7 - 10 wet mils per coat.

Avoid application of different batches side by side (always box pails from different batch numbers). Check color for proper match prior to application. Ambient temperatures shall be 40°F or greater at time of installation, and will remain so for a minimum 24 hours or protection and heat shall be supplemented to ensure proper drying.

Typical dry time is 24 hours, depending on climate. Drying time can be greatly affected by low temperatures and/or high humidity. Do not allow product to freeze or allow exposure to rain while drying. Allow additional time during humid and/or cold temperatures.

**Note:** BeakGuard has over 305% elongation characteristics. The thicker the material is applied, the greater the ability to bridge cracks in the existing substrate.

## Physical properties

TEST	METHOD	RESULT
ELONGATION % (FINISH)		305 PERCENT
WATER VAPOR TRANSMISSION	ASTM-E96	10 GRAINS PER HOUR / SQ. FT. (AVERAGE)
SALT SPRAY RESISTANCE	B-117	300 HOURS NO DELETERIOUS EFFECTS
ACCELERATED WEATHERING	G-23-81	2000 HOURS NO DELETERIOUS EFFECTS
ABSORPTION FREEZE THAW	60 CYCLES	NO CRACKING, CHECKING
TENSILE BOND	ASTM C-297	127.9 PSF
WATER PENETRATION TEST	ASTM-E-331	NO WATER PENETRATION OCCURRED ON SUBSTRATE
WATER RESISTANCE TEST	ASTM D-2247	NO CRACKING, BLISTERING, PEELING OR COMPROMISE
MILDEW / FUNGUS RESISTANCE	810 B	NO MOLD OR MILDEW GROWTH DURING TEST
WIND DRIVEN RAIN		NO DELAMINATION, NO WATER INTRUSION
FIRE TESTING TUNNEL TEST	ASTM E-84	FLAME SPREAD < 25 SMOKE DEVELOPED < 450 CLASS "A" FIRE RATED

## Storage

Protect from freezing. Store in a cool, dry area out of direct sunlight in a tightly sealed container. Recommended storage temperature between 40-90°F.

## Clean-up

Water soluble when wet. Clean tools and equipment with water immediately after use. Dried material is very difficult to remove. See BeakGuard Handling Instruction!

## **Proper Handling & Precautions**

Educating new BeakGuard users to the **EXTREMELY** unpleasant taste!

1. Ingredients in BeakGuard® have an incredibly repulsive taste but also have a 50-year safety record in consumer products around the world.
2. Chocolate is the only thing we know that helps reduce the horrible taste.
3. BeakGuard is Safe: The ingredients are even used in children's products to stop thumb-sucking and nail-biting, in toys and cosmetics to stop ingestion. Even State and Federal regulations as outlined below:
  - a. FDA- use as ethanol denaturant for cosmetics in US and 40+ other countries.
  - b. State Laws: compliance antifreeze ingestion deterrent agent laws.
  - c. EPA- approved additive used to prevent pesticide ingestions.
  - d. OSHA – required in respirator fit testing for nurses, firemen, first responders.

### **To Reduce Potential Mouth Exposure:**

Follow these Recommendations Below:

1. Extremely Unpleasant if gets inside Mouth!!!  
**Chocolate will help lessen the taste.**
2. Use disposable gloves.
3. Do not touch anything else before clean-up.
4. Handle very carefully to avoid unpleasant taste.
5. Clean up by washing hands with soap & water.
6. Rinse hands with 3% Hydrogen Peroxide, which destroys BeakGuard.
7. Use 3% Hydrogen Peroxide to wipe down exterior of containers, any contact surfaces or items that may have come in contact with BeakGuard

**See SDS for Additional Precautions**

## **Limitations**

1. Ambient and surface temperatures must be above 40°F during application and drying period.
2. BeakGuard should never be used on horizontal surfaces (exceptions – ceilings, soffits, etc.).
3. Product performance is directly related to substrate integrity.
4. BeakGuard is a vertical wall coating. Small areas can be sloped; those surfaces shall be minimum 4 in 12 pitch.
5. Never cover BeakGuard with solvent based materials.

## **Shelf Life**

One year, if protected from direct sunlight and freezing temperatures.

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