

# ALLGUARD™ Elastomeric Waterproof Coating From Dow Corning

## 1. PRODUCT NAME

ALLGUARD™ Elastomeric Waterproof Coating from Dow Corning

## 2. MANUFACTURER

Dow Corning Corporation  
Auburn, MI 48611  
Phone: (517) 496-6000

## 3. PRODUCT DESCRIPTION

**Basic Use:** ALLGUARD Elastomeric Waterproof Coating is a one-component, silicone, water-based elastomer designed for use on exterior walls. Its primary use is to waterproof above-grade exterior substrates or surfaces, such as concrete block, fluted block, brick stucco, synthetic stucco, poured concrete, precast concrete, and previously coated surfaces. The coating is typically applied in two coats over ALLGUARD™ Primer from Dow Corning as a waterproofing system. When properly applied, the cured coating provides a weathertight seal that will protect the surface from degradation caused by ultraviolet light, water, and other normal weathering hazards. The coating can be roller, brush, or spray applied. It cures to form a flexible membrane that is impervious to water but has the ability to "breathe," allowing water vapor to escape from inside the surface. The system provides long-term protection because it resists hurricane-force, wind-driven rain, movement and settlement, weathering, aging, oxidation, snow, mold, mildew, the effects of ozone and ultraviolet radiation, temperature extremes, freeze-thaw cycling, and many chemical agents.

**Limitations:** ALLGUARD Elastomeric Waterproof Coating should not be applied when:

- The ambient or surface temperature is 4.4° C (40° F) or below.
- There is a threat of rain or the relative humidity is in excess of 90 percent.

ALLGUARD Primer may be required on the substrate prior to coating application. Protect from freezing. Store in a cool, dry place out of the weather. Keep above 0° C (32° F) and below 32° C (90° F).

**Composition and Materials:** ALLGUARD Elastomeric Waterproof Coating is a 100 percent silicone, water-based elastomer. It is a one-part, ready-to-use material that can be applied easily between 4.4° C (40° F) and 38° C (100° F) to a dry surface, sets up in 30 minutes to 1 hour, and dries in 4 to 8 hours. Allow 7 to 14 days for full adhesion and physical properties.

**Packaging:** ALLGUARD Elastomeric Waterproof Coating is available in 5-gal (19-L) containers.

**Colors:** ALLGUARD Elastomeric Waterproof Coating is available in 12 standard and 4 accent colors and a full range of custom colors.

**Finish:** ALLGUARD Elastomeric Waterproof Coating is available in semi-gloss and flat finishes.

## **NOTES FOR TABLES**

Specification Writers: Please obtain a copy of the Dow Corning Sales Specification for this product, and use it as a basis for your specifications. It may be obtained from any Dow Corning Sales Office, or from Dow Corning Product Information in Midland, MI. Call (517) 496-6000.

## **4. TECHNICAL DATA**

ALLGUARD Elastomeric Waterproof Coating remains virtually unaffected by sunlight, rain, sleet, snow, ozone, temperature extremes, chemical agents and aging. Elongation, tensile strength and adhesion do not change significantly with age or weather.

The controlled flow properties of the coating allow a continuous, even film to be applied, even on rough surfaces. Once cured, the coating forms a tough, flexible silicone rubber membrane.

## **5. INSTALLATION**

When properly applied and cured, ALLGUARD Elastomeric Waterproof Coating provides one of the fastest, easiest, and most effective methods of keeping exterior above-grade surfaces waterproof.

**Surface Preparation:** All surfaces to be coated with ALLGUARD Elastomeric Waterproof Coating must be prepared as described in Dow Corning printed instructions and guide specifications. The following is a short reference guide for surface preparations.

All surfaces must be clean and free of dirt, frost, dust, oil, grease, mildew, fungus, efflorescence, laitance, peeling coating, chalking coating and any other foreign material. Pressure clean, wire brush, or grind the wall surface to remove all of the above materials. Repair any damaged concrete, stucco, block, or brick. Repair cracks larger than 1/16-inch with a material that is compatible with the substrate. (DOW CORNING 790 Silicone Building Sealant can be used for crack repairs.) Apply ALLGUARD Primer to the wall surface at a rate of approximately 350 sq ft per gallon. Allow approximately 30 minutes to 2 hours to dry, depending on temperature and humidity.

**Application:** Gently hand-stir ALLGUARD Elastomeric Waterproof Coating before using to ensure uniformity. The coating can be applied with a roller, brush, or spray. The roller should have a 3/4-inch to 1-1/2-inch nap. The brush should be nylon or bristle. Spray application can be by airless or air-assisted spray. The application rate for the coating will vary depending on the substrate, but typically an application rate of 80 sq ft per gallon will yield the minimum 10-mil dry film thickness required. A pinhole-free, void-free surface must be achieved. Refer to Dow Corning's printed instructions and guide specifications for more detailed information on application rates. When applying the coating with a roller, apply it in a fan pattern to achieve uniform millage, and finish each roller stroke in the same direction so that the stipple texture is uniform. Clean equipment immediately after use with soapy water. Two coats are typically applied to waterproof the wall and provide the required 10-mil void-free dry film thickness.

## **6. AVAILABILITY AND COST**

**Availability:** ALLGUARD Elastomeric Waterproof Coating is marketed throughout the United States.

**Cost:** Price depends on volume of coating purchase. Installed cost depends on complexity of the

project.

## **7. WARRANTY**

Dow Corning provides a Limited Product Warranty on the ALLGUARD coating. For 10 years from the date of application, Dow Corning warrants that the material will not suffer through water penetration when applied within the stated shelf life and according to manufacturer's current written recommendations for application. Under the Limited 10-Year Product Warranty, Dow Corning's sole liability shall be to furnish sufficient silicone replacement material to restore the integrity on affected areas. The cost of labor to reapply the coating and other costs associated with the repair are the responsibility of the owner. Dow Corning shall not be liable for any consequential or incidental damages. **THIS WARRANTY IS GIVEN IN LIEU OF ALL OTHER WRITTEN OR UNWRITTEN, EXPRESS OR IMPLIED WARRANTIES AND DOW CORNING SPECIFICALLY DISCLAIMS ANY EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR PURPOSE.**

Dow Corning also offers additional warranties. For details, contact your Dow Corning construction sales specialist.

## **8. MAINTENANCE**

No maintenance should be required. Walls should be inspected at least once a year. If coating becomes damaged, repair damaged portion with the same product.

## **9. TECHNICAL SERVICES**

Complete technical information and literature are available from Dow Corning or its authorized distributors. Technical service and a list of distributors are available from Dow Corning. For assistance, please call (517) 496-6000.

## **10. FILING SYSTEMS**

Electronic SPEC-DATA®  
SPEC-DATA® II  
Sweet's Catalog 7920/DOW  
BuyLine 2882

Architectural specifications and complete technical literature are available upon request. Contact Dow Corning for specific bulletins.

## **DOW CORNING U.S. SALES OFFICES:**

### **ATLANTA**

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