

Aquaflex Roof Coat

Elastomeric Roof Coating

PRODUCT DESCRIPTION

Aquaflex Roof Coat is a water-based elastomeric coating which cures to form a seamless membrane when applied over the entire roof area. Aquaflex Roof Coat offers the unique ability to extend the life cycle of new and existing roof systems, in addition to keeping the surface cool, providing protection from ultraviolet sun and other weather exposures. Aquaflex Roof Coat employs a polymer designed to provide resistance to asphalt staining when applied over asphaltic surfaces.

USES

- Protect and seal a variety of roof surfaces.
- Suitable for use on granulated modified bitumen, smooth asphaltic surfaces, concrete, metal and acrylic coated substrates.

FEATURES AND BENEFITS

- When applied over asphaltic surfaces, Aquaflex Roof Coat offers resistance to asphalt staining ("bleed through" resistance).
- Extends the useful life of the roof.
- Offers excellent resistance to extended exposure to solar ultraviolet energy.
- By decreasing roof surface temperature, Aquaflex Roof Coat can reduce energy costs.
- Resistant to dirt pick up.
- Fungal and algal resistant – even in high temperatures.
- Low VOC, non-flammable and presents minimal hazard to the applicator or the environment.

APPLICATION INSTRUCTIONS

Surface Preparation:

- All surfaces to receive coating must be clean, dry and free from any foreign matter such as dirt, oils, grease or other debris that could inhibit the adhesion capabilities of the newly installed products.
- Metal surfaces that display rusting or other oxidation, to be prepared with a grinder or wire brush as needed to remove surface contaminants.
- Existing roof systems to be visually inspected for conditions that may adversely affect adhesion of performance of newly installed products. Repair any visible deficiencies such as splitting, blistering, and buckling.
- Visually inspect all metal and non-metal flashings, edges, drains, valleys and through-roof penetrations and repair as needed by project conditions.
- Do not apply to wet or visibly damp surfaces, or surfaces previously covered with coal tar based products or Kynar® finishes.
- Concrete surfaces cured with wax/resin based compounds can inhibit adhesion.

Application:

- Stir well prior to application.
- Aquaflex Roof Coat may be applied by roller (min ¾" nap recommended), brush or spray application methods.
- Apply at 16 wet mils (1 gallon per 100 square feet) per coat. Typical application conditions require Aquaflex Roof Coat be applied in two coats.
- Allow coating to dry prior to applying second coat.
- To minimize potential voids or pinholes in coating application, apply second coat perpendicular to the first.
- Apply only when ambient temperatures are 50°F and rising. Cold weather could result in uneven application and improper curing of product. Do not apply if there is a threat of inclement weather within 24 hours of application.
- Do not thin product. Do not heat outside of container. Do not apply at temperatures greater than 120°F.
- Prior to using this product on new cap sheets (smooth or granulated), it is recommended to wait 30 days for weathering.

Storage and Cleaning:

- Product shelf life: Typically 18 months from date of manufacture when properly stored.
- Do not store at temperatures greater than 120°F.
- Store 24 hours at room temperature prior to application.
- Observe normal safeguards for storing and handling of this product prior to and during application.
- Do not allow product to freeze. Discard if any degree of freezing would occur.
- Keep containers covered when not in use.
- Clean equipment and overspray with water.
- Clean hands with waterless hand cleaner.

TYPICAL PHYSICAL PROPERTIES

Test Property	Value	Procedure
Weight per Gal (lb)	11 ± .5	ASTM D2939
Solids Weight (%)	47 ± 2	ASTM D1644
Solids Volume (%)	40 ± 2	ASTM D2697
Viscosity @ 77°F (25°C)	28,000–58,000cP	ASTM D2196
Dry Film Thickness @ 1 Gal/100 ft² (mils)	5.9	Std Method
Dry Time (hours)	4–6	Std Method
VOC (g/l)	< 30	Std Method
pH	9.2	Std Method



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WARNING

Personal Protection - Irritation may result from prolonged or repeated contact with skin. Wear chemical resistant gloves, protective goggles and protective clothing, if needed.

Eye Contact - Immediately flush eyes with water. Get medical attention if irritation persists.

Waste Disposal - Empty containers must be disposed of in accordance with local, state and federal regulations.

For Professional Use Only - Keep out of the reach of children.

Refer to safety data sheet (SDS) for specific data and handling of our products.

All data furnished refers to standard production using manufacturing testing tolerances.

The product user, and not Polyglass, is responsible for determining the suitability and compatibility of our products for the user's intended use.

For the most current product data and warranty information, visit www.polyglass.us

PACKAGING

5.0 Gallon (18.9 Liters) Pail

POLYGLASS U.S.A., INC. MANUFACTURING FACILITIES

- Fernley, NV
- Hazleton, PA
- Phoenix, AZ
- Winter Haven, FL

CORPORATE HEADQUARTERS

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