

GRAY-COAT ALL SEASON FORMULA

Water Based, Highly Flexible, Liquid Rubber Waterproofing Membrane for Residential & Commercial Construction
with a 30 Year Warranty!

DESCRIPTION

Gray-Coat is a water-based, liquid, cold applied, gray rubber waterproofing membrane that can be applied in temperatures as low as 10F. Aquaseal has developed this unique product for waterproofing ICF (Insulated Concrete Forms) as well as traditional foundations and other substrates in the Residential & Commercial construction industry. Gray-Coat is solvent free and non-flammable and forms a highly flexible monolithic waterproofing membrane. It has excellent adhesion properties, not only on ICF forms and EPS blocks, but also concrete (both new and existing), and cures to form a water and vapor proof coating. Gray-Coat is #1 in quality and performance, and its 'gray' color means it blends in with concrete and cement and eliminates the problem of overspray.

FEATURES & BENEFITS

- Ready to use – no priming or heating required
- Spray applied – or with brush or roller
- Gray in color – no more problem of unsightly “overspray”

Flexible up to 500%

- 30 Year Warranty on product
- Adheres to virtually all building substrates
- UV resistant (up to 18 months exposure)
- Nontoxic and VOC compliant in ALL States and Canada

Solvent free and non-flammable

- Water and air barrier protection
- Cleans up with water
- Very good coverage - 200sf per 5 gal. pail
- Long shelf life (3+ years)
- Prevents the ingress of radon and other harmful gases
- Use on above and below grade applications, horizontal or vertical surfaces
- In accordance with ICC-AC29, Gray-Coat is applied at a thickness of 60mil wet and cures to a minimum 40mil when dry

CODE APPROVALS

Gray-Coat meets and/or exceeds all waterproofing standards: ASTM C836-89, BOCA National Building Code, Standard Building Code & Uniform Building Code, and the new ICC-AC29

SURFACE PREPARATION

Area to be covered should be clean and free of dust or loose material. Gray-Coat's excellent adhesion, without the need for a primer, ensures that it bonds firmly with all substrates, including

'green' concrete. However, Gray-Coat should not be applied if rain or snow is forecast in the next 24 hour period, to ensure ample time for full curing.

COVERAGE

The approximate application rate is 200sf per 5 gal. pail. This will yield a wet film thickness of 60mil which will cure to a dry film thickness of 40mil.

APPLICATION

Stir product prior to use. Gray-Coat is best applied with a standard airless sprayer, brush or roller (contact Aquaseal for sprayer specifications or visit our website –www.aquasealsua.com). For best results when applying in temperatures below 32F, pails should be protected from the cold to prevent product freezing.

CURING & DRYING

Ideal drying temperature is +35F. Under standard conditions Gray-Coat will be tack free within 2-5 hours, fully dry within 24 hours, and backfilling can then take place. In temperatures below freezing, allow 36 hours before backfilling. The use of protection or drainage board is not required but is recommended in areas with poor draining soil, possible flooding or seismic activity, or where local building codes require it.

LIMITATIONS

GRAY-COAT is not designed to perform as a wearing course or for permanent exposure. Newly applied Gray-Coat should be protected from rain and snow during the first 24 hours.

PACKAGING

Gray-Coat comes in 5 gallon pails (18.9 L) or 55 gallon (200 L) drums.

STORAGE & HANDLING

Keep containers tightly closed and stored in temperatures between 35F and 150F. If kept as stated, the shelf life of Gray-Coat is 36+ months. If product freezes, thaw and stir well prior to use.

CLEAN UP

Uncured material can be cleaned off with soap and water. Once cured use mineral spirits.

CAUTION

Gray-Coat is non-toxic, but it is recommended that the applicator wear protective work clothing, including eye goggles. Avoid prolonged contact with exposed skin, and keep away from mouth and eyes. If swallowed, do not induce vomiting and seek medical attention immediately. **KEEP OUT OF REACH OF CHILDREN.**

WARRANTY

It is the responsibility of the customer to determine the suitability of this product for the intended purpose. Factors such as the weather, surface conditions, and applicator's skill are beyond the control of the manufacturer. Therefore, the manufacturer's liability is limited to the replacement

of the defective material only, Contact Aquaseal for details of our unique 30 year warranty + our 20 year “dry basement” guarantee.

PHYSICAL PROPERTIES & TECHNICAL CERTIFICATION DATA	
Solids	56%
Color	Gray
Bond strength (to concrete)	68 psi
Tensile strength	49 psi
Recovery	72%
Bonding (ICF & Concrete) ASTM C-836-76	Tear off 38 psi
Hydrostatic Resistance ASTM D-751	Passed
Permeability	.0120 perms
Toxicity	Non toxic
Hardness Shore A - ASTM D-2240	62
Elongation	450%
Moisture Vapor Transmission	.0059 gm/sq.ft/hr
Hardness Shore A - ASTM D-2240	ASTM C836-89, Section 5.5 = Passed
Weight Loss	ASTM C836-89, Section 5.6 = Passed
Low Temperature Flexibility & Cracking	ASTM C836-89, Section 5.7 = Passed - no cracking
Film Thickness on Vertical Surface	ASTM C836-89, Section 5.9 = Passed
Adhesion in Peel after Water Immersion	ASTM C794 = Passed
Extensibility after Heat Aging, minimum	ASTM C836-89, Section 5.12 = Passed - no

	cracking
Resistance to Decay	ASTM E-154-88, Section 13 = Passed - no rupture or cracking after stretching to 125% of original dimension. Pinholes or other perforations also denote failure
Water Vapor Permeance	ASTM D96-80, Water Method = Passed - Maximum 1 perm
Water Absorption	ICC AC-29, Section 4.3 = Passed - 1.0% maximum
Hydrostatic Pressure Resistance	ICC-AC29, Section 4.4 = Passed - 50% of lowest pressure achieved

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