

RamProof GC

Single Component Fluid Applied Elastomeric Rubberized Asphalt Waterproofing Membrane

APPLICATION	Liquid Applied Membrane
INSTALLATION	Single Component
TECHNOLOGY	Elastomeric Modified Rubberized Asphalt

RamProof GC (Green Concrete) is comprised of an industry changing asphaltic-rubber formulation that combines the elastic properties of modified rubber with the weatherproofing and waterproofing characteristics of emulsified asphalt. The resulting asphaltic-rubber membrane provides a complete, high-performance waterproofing membrane that is VOC-free, environmentally friendly, rapidly installed, and delivers a complete solution for the entire scope of waterproofing.

RamProof GC forms to a single set, fully adhered, monolithic, and seamless membrane that results in a high-performance membrane that resists hydrostatic pressure, bridges cracks and will move with created expansion and contraction of surfaces.



FEATURES

- Single Component
- Economical
- +1000% Elongation
- Self-Healing
- Tenacious Adhesion
- Labor-Saving; Quick Return-to-Service
- No VOCs
- Expands & Contracts
- Easy to Use
- Apply Immediately After Forms Removal
- Labor-Saving
- Eco-Friendly
- LEED-Certified

COLOR

- Black

APPLICATIONS	• Green Concrete	• Damp Proofing
	• Warehouses	• Foundation Walls
	• Masonry	• Restrooms
	• Storage Areas	• Parking Decks
	• Basements	• Planters
	• Tunnels	• Bridges
	• Plaza Decks	

COVERAGE	DAMP PROOFING	PACKAGING		
	Apply 20 wet mils/ Finish 10-12 dry mils		5 Gal Pail	55 Gal Drum
	40 dry mils			
	50 sq ft/gal			

APPROVALS			



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MIXING

RamProof GC should be thoroughly mixed using a mechanical mixer at slow speed to ensure a homogeneous material. Take care not to allow entrapment of air into the material.

PREPARATION

Prior to commencement of work, a thorough inspection of the substrate should be carried out to determine or confirm that there is a satisfactory surface for application. The existing substrate shall be properly repaired of all defects, including voids and cracks, loose material, free of debris. Care shall be taken not to entrap excessive dust or moisture over the surface prior to application.

Use a minimum 3,000 psi pressure washer to clean the substrate to remove all dirt, dust, and remains of previous paint and/or coatings. Remove any dirt and debris from the footings and walls with a stiff brush or broom. Use a metal scraper to remove any debris from the walls and footings.

JOINTS, CRACKS, & FLASHING

All protrusions, cracks under 1/16" wide, holes (honeycomb concrete) or turn ups shall be detailed according to the manufacturer's instructions using a combination of RamProof GC Roller/Brush or non-shrinking grout. Fill voids around tie-holes, recessed ties, and other small voids with RamProof GC.

APPLICATION

RamProof GC is applied in a one-coat application (spray or brush/ roller) to a wet film thickness of 60 mils to result in a dry film thickness of 40 mils. (For poured concrete walls maximum coverage rate is 40 ft./ per gallon).

Begin application of the RamProof GC from top to bottom in full and even application over entire surface. For maximum coverage, apply using a two-coat technique; Apply the tack coat horizontally along the entire length of the wall/footer. Apply the second coverage coat vertically to the required mil thickness. This technique will help to optimize the coverage rate and ensure a uniform mil thickness.

CURING

Prior to backfilling allow cure time of at least 24 to 48 hrs or longer if ambient temperatures are below 45°F and/ or if humidity is 80% RH or above. Ensure that material is cured prior to installing drainage & gravel (unless material is protected by foundation board at least 24" up from the footer) and backfilling. Use clean fill for backfilling. Avoid backfilling with sharp, angular rocks, any rocks bigger than a softball, and any materials that may puncture the waterproofing membrane.

EQUIPMENT CLEANUP

Equipment should be cleaned with an environmentally safe solvent immediately after use as permitted under local regulations.

STORAGE

RamProof GC, in its original, factory-sealed container, has a shelf life of one year from the date of manufacture when stored in a cool, dry area out of direct sunlight. Do not store below 40 F (4 C). DO NOT ALLOW TO FREEZE.

PROCEDURE	PROPERTY	RESULT
ASTM E154/154M	Resistance to Decay Weight Loss	No Weight Loss
ASTM E96/E96M	Water Vapor Permeance	Passed - Less than 1 perm
ASTM E96/E96M	Resistance to Water Vapor Permeance	Passed - Less than 1 perm
ASTM 02939	Resistance to Water	No Blistering or Re-Emulsification
ASTM C836/836M	Remain in Place During Application	Passed - 0.0396 in
ASTM E154/154M	Hydrostatic Pressure over Cracks	4.5 PSI No Cracking/Splitting
ASTM C836/836M	Extensibility after Heat Aging	Passed - 1/4 - inch, no cracking

LIMITED WARRANTY: Barrett warrants its Products to be free of defects in materials, but makes no warranty as to appearance or color. Since methods of application and on-site conditions are beyond our control and can affect performance, Barrett makes no other warranty, expressed or implied, including warranties of MERCHANTABILITY and FITNESS FOR A PARTICULAR PURPOSE, with respect to The Barrett Company, LLC. Barrett to replace or to refund the purchase price of the quantity of Barrett proven to be defective, and Barrett shall not be liable for any loss or damage.



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TESTING DATA

TEST METHOD	PHYSICAL PROPERTIES	RESULT
ASTM C-836-06	Total Solids	62% +/- 2%
	Weight/gal.	8.1 +/- 3lbs.
	Application Temperature	20°F and Above
	Appearance Dry Film	Glossy Black, 3 mils Free of cracks
	Suspendability	Good
	Shelf Life	1 Year
	Coverage	25-35 sq. ft./gallon
	Dry Time @ 70°F	Touch 4 hrs., Firm 24 hrs.
ASTM D412	Elongation	2000%
	Tensile Strength	23 psi
ASTM F96-05	Water Transmission of Materials	.010 perms
ASTM 836-76	Bonding Test	14 psi
ASTM C1306-08	Hydrostatic Pressure Resistance	No Water Penetration/ Infiltration
ASTM E154-99	Water Vapor Retarders used in Contact with Walls	Good
ASTM 826-00	Low Temperature Flexibility	>10 C NO FRACTURING
ASTM D314-3	Flexibility	N/A
	Ply Level	11
ASTM 1280	Viscosity	>25 CENTIPOISE
ASTM D244	Specific Gravity	1
	Resistance to Sulfuric Acid	Pass
	Resistance to Hydrostatic Acid	Pass



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