



DESCRIPTION

Rubber Coat is a modified elastomeric asphalt emulsion specifically formulated for application by brush, squeegee or roller. Rubber Coat is a cold-applied, single component product that yields a membrane with excellent strength, elasticity, and adhesion. Rubber Coat is an environmentally friendly waterproofing product that can be applied indoors and outdoors with conventional protective equipment.

PREPARATION

For best results surfaces must be cleaned, dried, and free of moisture on and beneath the surface. All surfaces must be clean and free from dirt, grease, oil, loose granule, peeling paint, rust, excess chalk, and other foreign matter, which could prevent proper adhesion. This is best accomplished using a high pressure wash of at least 2,000 psi. A surface cleaner shall be used to remove all grease or oily deposits. Rusted metal should be cleaned with a wire brush.

APPLICATION

Rubber Coat is a water-based, environmentally safe alternative to conventional hot-applied, solvent-based and sheet membrane waterproofing systems. Rubber Coat cures by evaporation so a minimum ambient application temperature of 40°F (4.5°C) is required. Apply in thin coats. The product cures within 24-48 hours at 70°F (21°C) and 50% relative humidity, at a thickness of 40 wet mils (1mm)

For best results, surfaces must be dry and free of dirt, debris, oil or grease. Application is not recommended if rain is imminent, or in high humidity conditions.

Rubber Coat is applied at 1 Gallon per 25 ft² to produce 64 wet mil / 28 Dry Mil protective membrane. Rubber Coat dries to touch within minutes at 70°F (21°C). Curing time will vary based on temperature and humidity

CLEANUP

Clean tools with TRP-652 All-Purpose Cleaner or soap and warm water.

SHIPPING INFORMATION

D.O.T. Classification: Roof Coating, Not Regulated NFMC #170080

CONTAINER SIZE	CLASS
1, 3.5, 5 Gallon	5

PRECAUTIONS

KEEP CONTAINERS TIGHTLY CLOSED WHEN NOT IN USE.
KEEP FROM FREEZING. Not regulated by the Transportation of Dangerous Goods regulations. In the event of a spill, dike and contain, transfer to containers for recovery of disposal. Keep out of sewers. **WASTE DISPOSAL METHOD:** Follow federal, provincial, and local regulations regarding disposal.

CAUTION

KEEP OUT OF REACH OF CHILDREN. Close container after each use. HARMFUL OR FATAL IF SWALLOWED. EYE, SKIN, AND RESPIRATORY IRRITANT. USE WITH ADEQUATE VENTILATION. If swallowed do **not** induce vomiting. Call physician immediately. In case of eye contact- flush with large amounts of room temperature water for 15 minutes, skin contact- wash thoroughly with soap and water. Irregular or stopped breathing administer oxygen, give artificial respiration. Get immediate medical attention. Avoid prolonged breathing of vapor or spray mist. CALIF PROP 65- CHEMICAL WARNING (CALIFORNIA HEALTH AND SAFETY CODE #25249.5 ET SEQ)
WARNING: This product contains chemicals known to the State of California to cause cancer, birth defects or reproductive harm. Use proper protection and adequate ventilation when using product. For Further information and advice regarding transportation, handling, storage, and disposal of chemical products, users should refer to the actual Material Safety Data Sheet containing physical, ecological, toxicological, and other safety related data. It is highly recommended to read the actual Material Safety Data Sheet before using the product.

WARRANTY AND DISCLAIMER

Tropical Roofing Products warrants to the original purchaser that this product is free from any manufacturing defects that will materially affect the products performance for a period of one year. In the event there is a failure associated with a manufacturing defect of this product, Tropical Roofing Products shall, at its own discretion, provide the appropriate replacement product(s) or pay for the cost of the defective product only. There is no warranty for labor or installation costs of any kind. NO OTHER WARRANTIES EXPRESS OR IMPLIED SHALL APPLY INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TROPICAL ROOFING PRODUCTS SHALL NOT BE LIABLE UNDER ANY LEGAL THEORY FOR SPECIAL OR CONSEQUENTIAL DAMAGES. To the best of our knowledge, the technical data contained herein is true and accurate at the date of issuance and is subject to change without prior notice. Contact Tropical Roofing Products prior to ordering for the most recent and up to date data sheet. For additional limited warranty and disclaimer information contact Tropical Roofing Products at 800-535-6947





TRP#302 RUBBER COAT ASPHALT EMULSION

TECHNICAL DATA SHEET

PROPERTY	TYPICAL RESULTS
Specific gravity (liquid) g/cm ³	Approx. 1.05
Odor	slight odor
VOC	<50g/L
Color	Brown to black
% solids (volume)	57%
Viscosity, Brookfield, sp. #5, 20 rpm	8000-900
pH	<12, alkaline

Performance (Cured Membrane)

PROPERTY	TYPICAL RESULTS
Chemical resistance	Resistant to most inorganic solutions. Not recommended for gasoline or other petroleum products. Consult Chemical Resistance chart for further information
Biological resistance ASTM E 154, ASTM 0412	Passed. (>90% original value)
Impact resistance CSB37-GP-500 23°C, in-lbs	Passed. (168)
Water tightness after impact	Passed (no leakage)
Water tightness CGSB 37-GP-56	Zero Leakage
Tensile strength ASTM 0412, psi	122
Elongation, %	1223
Accelerated weathering, ASTM G 155, 0 412	Passed. No deterioration of film
Tensile strength	Passed (> 90% original value)
Hardness, Durometer Type 00	85-87 1000
Salt Fog Corrosion, Steel ASTM D412	hours
Surface Corrosion ASTM D610	No corrosion after 500 hours, 0.03% after 1000
Adhesion to concrete ASTM C907	111 PSI
Hardness ASTM D2246	50 Type A
Puncture resistance CGSB 37-GP-56	No perforations
Water Vapor Transmissions ASTM E96	0.4

General Guidelines for DRY MATERIAL THICKNESS

Application	Minimum Dry Mil Thickness	Recommended GALLON /100 square feet*
Gutters or Metal Roof	40 field & 60 seams	5
Cap Sheet Roof	40 field & 60 seams	5
Aged EPDM, PVC, TPO, Hypalon Roof**	40 field & 60 seams	5
Tar and Gravel Roof**	60 40 mils field & 60 mils seams	6
Deck Underlayment		7
Concrete Block Wall***	80	8
Concrete Slab***	80	8
Concrete Foundation Below Grade***	80	8
ICF Walls	80	8
Concrete Ponds***	80	8
Planter Box	40 field & 60 seams	7
Shower Pans	40 field & 60 seams	7
Plywood Aquariums	40 field & 60 seams	9
Mild Steel Tanks	80	8
Concrete Tanks***	80	8
Epoxy Coated Tanks (see tech for prep)	80	8
Walkable Deck Systems Plywood		
	Rubber Coat 20 mils	2
	Acrylic 30 mils	3
Walkable Deck System Concrete***		
	Rubber Coat 20 mils	2
	Acrylic 30 mils	3

*Required amount to reach minimum thickness. Actual usage may vary depending on job requirements and/or conditions.

** On aged membranes, a 2"x2" test area is recommended to confirm adhesion. Contact Tropical Roofing Products technical services department regarding Tar & Gravel applications.

*** Moisture Vapor Transmission tests are recommended before application to confirm vapor transmission will not cause membrane to blister. A water based primer may help minimize the risk of blistering.

Estimated curing time of 40 mils of Rubber Coat is 24 hours at 70 F and 50% relative humidity. Curing times increase with the thickness of the installed coating. 80 mils would take about 48 hours and a 120 mil membrane would take about 9 days. At 100% humidity the time to cure is infinitely longer unless dehumidifier fans are used.

1 mil = 1/1000 40 mils = 1mm 60 mils = 1.5mm 80 mils = 2mm 100 mils = 2.5mm