



TECHNICAL DATA SHEET

PRODUCT DESCRIPTION:

RVRoofMagic California is a high volume solid, technologically advanced, fire retardant, thixotropic, coating formulated specifically for RV's trailers and Mobile Homes. Outstanding reputation for extending your roof service life on the following substrates; EPDM, Metal, Fiberglass, Alpha and Hypalon rubber and non-silicone 3rd party coatings previously applied to your roof. Our proprietary formulation incorporates premium resins, reinforcing laminar pigments and nonmigrating fire retardants to produce a seamless, flexible, durable membrane to give your RV's roof years of service life. It has exceptional weatherability, ultraviolet and fire resistance. Its unique chemistry allows RVRoofMagic California to act as a "breathing" membrane allowing trapped moisture vapor to pass through the film while remaining impervious to exterior mass water penetration. The resultant tough, cured film provides good resistance to mechanical damage and chemical attack.

PRODUCT DESCRIPTION:

- Ready to use. Thinning is not necessary. Mix well before using.
- Roof must be clean, dry and free of any oil, grease, dirt or loosely adhered coating.
- Do not apply on a damp surface
- Bare surfaces must be prepared and checked for compatibility
- Follow our roof restoration procedures and always perform an adhesion test.
- Equipment: polyester brush, medium nap roller 3/4 inch

RVRoofMagic California is the ideal choice EPDM, metal roofs, And fiberglass. This product is ideal for use over spray polyurethane foam and 3rd party coatings that have already been applied to your RV roof. Contact with Silicone coatings or caulk are to be avoided. RV-RoofMagic California has passed ASTM testing D6083, and is CA Title 24 Approved. The thixotropic nature of RV Roof Magic permits high build coverage in areas where needed, even on rough, textured or vertical surfaces without pin holing or sagging. It also has excellent adhesion to a variety of other substrates, such as primed wood, primed metal, concrete and masonry. Please contact our Technical Service Department for primer recommendations for application over rusted surfaces. Brushes and rollers may be used for detail work such as edge termination, filling of voids, pinholes and small cracks. Apply RVRoofMagic California only to clean and dry sound substrates free of loose particles or other foreign matter. RVRoof-Magic California may be used to enhance adhesion over aged spray polyurethane foam roofs. Do not apply product when ambient temperature falls below 50 F. A light power wash, if you have one, is great. Otherwise, use a good bristle brush. The roof must be clean, dry and free of any oil, grease, dirt or loosely adhered coating. Surface should be cleaned with Roof Protect to ensure proper adhesion. It was field tested to be compatible with RvRoofMagic California and Roof Protect emulsifies contaminates and provides improved surface preparation by effectively removing oil, grease, mildew, dirt, and other soils from your roofing membrane. It also kills any living mold spores. Rv Roof Protect California is applied at approximately 40 sq. ft per gallon. Two coats will be needed. Many customers will tape off their roof with blue painter's tape to avoid any possible running. RvRoofMagic California is ready to use; thinning is not required. Mix for approx. three-five minutes with an electric drill stirrer. Application of the product is with a medium nap roller (3/8 inch) (not a foam roller), and chip brush around corners and vertical surfaces. Be sure to put the lid on the can while you are applying the product. Failure to do so will allow the product to continue to cure and become unstable and very thick. The product has a one-year shelf life as long as you affix the lid properly, so air does not get in.

TYPICAL PHYSICAL PROPERTIES

TOTAL SOLIDS:	65% ± 3% by weight ASTM D1644 53% ± 3% by volume ASTM 2697
WEIGHT PER GALLON:	12.1 lb per gallon ± 0.2
FLASH POINT:	None
CLEAN UP:	Soap and Water
SHELF LIFE:	12 months @ 45°- 80° F
COLOR:	White
VISCOSITY:	10,000 ± 3,000 cps; 94 KU
ELONGATION:	239% ASTM D2370
IMPACT RESISTANCE:	Exceeds 160b in/lb. ASTM D-2294
HARDNESS:	45 Shore A ASTM D-2240
TENSILE STRENGTH:	278 psi ASTM D2370
PERMEANCE:	6.5 perms ASTM D1653
SALT SPRAY:	No effect (3800 hours) ASTM G-117
ACCELERATED WEATHERABILITY:	Pass, No Cracking ASTM D4798
SERVICE TEMPERATURE:	-40° TO 200° F
SOLAR REFLECTANCE:	86%
CURE TIMES:	DRY TO TOUCH: 4 Hours @ 75° F TACK FREE: 12 Hours Second Coat: 12-24 Hours

CRRC and CA Title 24 Approved