



RC 1600

PREMIUM ACRYLIC ROOF COATING

TYPICAL PHYSICAL PROPERTIES

TOTAL SOLIDS:

65% ± 3% by weight ASTM D1644

53% ± 3% by volume ASTM 2697

WEIGHT PER GALLON: 12.1 lbs per gallon ± 0.2

FLASH POINT: None

CLEAN UP: Water

SHELF LIFE: 12 months @ 45° - 80° F

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%

THERMAL EMITTANCE: 88%

CURE TIMES:

DRY TO TOUCH: 4 Hours @ 75° F

TACK FREE: 12 Hours

RECOAT: 12-24 Hours

PRODUCT DESCRIPTION:

RC 1600 Premium Acrylic Roof Coating is a high solids, technologically advanced, 100% acrylic elastomer uniquely formulated for the protection of metal, spray polyurethane foam and a wide variety of other sloped substrates. The proprietary formulation incorporates premium materials to produce a seamless, flexible, durable membrane having exceptional weatherability.

RECOMMENDED USES:

RC 1600 is the ideal choice for metal roofs. The thixotropic nature of RC 1600 permits high build coverage, even on rough, textured or vertical surfaces without pinholing or sagging. It also has excellent adhesion to a variety of other substrates, such as asphalt, primed wood, primed metal, concrete and masonry. Ponding water conditions are to be avoided.

APPLICATION INSTRUCTIONS:

RC 1600 may be applied by airless spray equipment at a minimum rate of 1-2 gallons per square per coat. Airless spray is the most efficient application method for larger projects. Brushes and rollers may be used for detail work such as edge termination, filling of voids, pinholes and small cracks. Apply RC 1600 only to clean and dry sound substrates free of loose particles or other foreign matter.

LIMITATIONS AND PRECAUTIONS:

RC 1600 is a water based acrylic coating which will freeze and become unusable at temperatures below 32°. PROTECT FROM FREEZING DURING SHIPMENT AND STORAGE. Do not store material at temperatures below 45° F. Do not apply RC 1600 at temperatures below 50° F or if there is a chance of temperatures falling below 32° F within a 24 hour period. Do not apply RC 1600 over wet substrates or when inclement weather is imminent. Avoid contamination in sealed containers. Store away from heat and sources of ignition. Do not inhale vapor or mist; do not get on skin, in eyes or on clothing. Refer to SDS for more information. Contact

our Technical Service Personnel for project specific recommendations.