

TYPICAL PHYSICAL PROPERTIES

TOTAL SOLIDS: 95% ± 3 by volume
ASTM D2697-3

WEIGHT PER GALLON: 10.7 lbs per gallon

FLASH POINT: >150° F

SHELF LIFE: 12 months @ 50°- 85° F

VISCOSITY: 150,000 cps

ELONGATION: 275%

HARDNESS: 50 ± 5 Shore A

TENSILE STRENGTH: 130

PERMEABILITY: 4.2 perms

SERVICE TEMPERATURE: -25° TO 175° F

THINNER: Not Recommended

CURE TIMES: 12-18 Hours

TACK FREE: 1-2 Hour

PACKAGE SIZE: 5 gallon pails

VOC: <50 grams per liter

PRODUCT DESCRIPTION

RC 1850 Silicone Seam Compound is a high solid, low VOC, one-part silicone elastomeric flashing grade specifically designed for use in sealing roof penetrations, curbs, seams, flashing areas and any other roof top areas of possible water infiltration. RC 1850 is also the sealant of choice for any roof system that has been previously coated with a silicone elastomeric coating. Once applied, this silicone flashing grade provides a durable, seamless and flexible system that resists lateral movement, shear and will allow for normal expansion and contraction. Mil for mil, RC 1850 provides greater waterproofing protection than similar flashing grade silicone sealants and offers increased resistance to moisture penetration.

RECOMMENDED USES

RC 1850 was specifically developed as a protective sealant for pipe boots, seams, flashing areas, curbs, exposed fasteners and all other breaches in a roof system that will allow water to enter a structure. With excellent adhesion to other silicone products, RC 1850 is proven to provide long term durability versus water based sealants.

APPLICATION INSTRUCTIONS

RC 1850 may be applied by soft brushes or trowels. RC 1850 can be applied to **WET SUBSTRATES AND UNDERWATER!** RC 1850 is an excellent emergency repair product. For best results, ambient temperature should be between 50- 90°F. Higher temperatures will shorten the cure time and working time for proper application. Lower temperatures will lengthen the skin over, tack free and ultimate cure time. Sudden temperature declines may also result in dew formation on surfaces. For best results, relative humidity should be above 20%. Lower humidity will slow the cure time significantly. Apply RC 1850 at a rate of no greater than 50 wet mils. Minimum dry mil thickness shall be above 25 mils. Coverage rates PER GALLON: 750 fasteners; 100 linear feet of seam at 4" wide and 40 wet mils.

LIMITATIONS AND PRECAUTIONS

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.