



H.B. Fuller



ROYAL
ADHESIVES & SEALANTS

Silaprene®

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TECHNICAL SALES BULLETIN

DC12718 SILAPRENE® ALL WEATHER SEALANT

SILAPRENE DC12718 All Weather Sealant is a one-part self leveling solvent release product that combines excellent weather, UV and ozone resistance with ease of application to provide a long service life. All Weather Sealant is a high quality, high solids elastomeric sealant that provides superior adhesion to a variety of surfaces.

DESIGNED TO SEAL:

1. All kinds of metal, including galvanized.
2. Wood, particleboard and plywood.
3. EPDM and other kinds of rubber.
4. Thermoplastics, such as ABS, styrene and polyolefins.
5. Thermoset plastics like phenolic, polyurethane, polyesters and epoxies.
6. Fiberglass and other fiber reinforced plastics.
7. Concrete, masonry and glass.

PHYSICAL CHARACTERISTICS:

1. Extrusion or trowel application.
2. Self leveling.
3. Fast drying . tack free in less than one hour
4. Flexible seals to most materials.
5. Outstanding resistance to water and moisture.
6. Resists cracking, chipping and peeling.
7. Requires no mixing, priming or heating.
8. Dried sealant is paintable
9. Exceptional weatherability
10. Shelf life: 1 year at temperatures not to exceed 80°F.

TYPICAL PROPERTIES:

(Specification values available on request)

Base:	EPDM rubber
Color:	White
Solvent:	Naphtha
Solids:	67%
Viscosity:	Paste extrusion grade
Weight/gallon:	9.1 pounds
Specific Gravity:	1.09
Temperature range:	-65°F to 210°F

PREPARATION OF SUBSTRATES:

Surfaces to be bonded should be cleaned of all dust, oils or other contaminants. A solvent wipe is often adequate.

Bonds to rigid surfaces are usually improved by a solvent wipe followed with light abrasion (180 grit) and solvent wiping to remove abrasive residue. Dry surfaces thoroughly before applying sealant.

METHOD OF APPLICATION:

DC12718 All Weather Sealant can be applied by ordinary caulking guns or pressure pumping equipment. Pumping equipment should be of the follower-plate type and have a pump ratio of at least 40:1. Aro, Binks, Devilbiss, Graco and Lincoln all produce satisfactory equipment for handling this material.

Apply a bead of DC12718 All Weather Sealant to surface at temperatures above 40°F. The applied bead will self level and shrink approximately 30%, so no tooling is necessary for most applications. The bead surface will be tack free in 15-45 minutes, depending on ambient conditions.

CLEANER AND THINNER:

Naphtha

PRECAUTIONARY DATA:

This product is extremely flammable. Vapors may form an explosive mixture with air. Precautions should be taken to keep product away from fire, sparks, motors and other sources of heat or flame. Turn off or deactivate any electrical equipment or sources of ignition. Adequate ventilation is required to keep vapor concentrations below the Threshold Limit Value.

- For professional or industrial use only.
- Read the container label and the Safety Data Sheet carefully before use.
- Keep away from children.
- Keep container closed when not in use
- To maximize shelf life store below 80° F
- This product contains toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know act of 1986 and 40CFR372.

DISPOSAL INFORMATION:

Do not reuse container or remove label. Safely dispose of container and contents in accordance with applicable Federal, State and local regulations.

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This product is warranted to the original purchaser to meet published specifications, if any, and, in the absence of published specifications, to be merchantable quality. Such warranty may not be assigned or otherwise transferred by purchaser. No other warranty, expressed or implied, of fitness for a particular purpose or any other thing is made. Purchaser's exclusive remedy for breach of this warranty shall be a refund of the price paid for the products by the purchaser. Except as stated above, Royal Adhesives & Sealants, LLC, shall not be liable for any defect in, or breach of obligation relating to the defects in these products, regardless of the theory that may be asserted, including, without limitation, negligence, contract, absolute liability in tort or misrepresentation. If the purchaser does not accept goods on these terms, they are to be returned at once, unopened.