



BUTYL LIQUID RUBBER

TECHNICAL DATA SHEET

Butyl Liquid Rubber is a unique rubber coating that provides extremely effective protection, reducing costly re-applications. It is a one-component product that has excellent adhesion to properly prepared surfaces.

Butyl Liquid Rubber controls corrosion and rust bleed through, even after years of service. It is thermally stable and resists cracking and peeling due to weather extremes and ultraviolet exposure.

TYPE OF APPLICATIONS:

- Metal Roofs & Buildings
- Single Ply Roofs
- Modified & BUR Roofs
- Urethane Foam Roofs

Butyl Liquid Rubber is Miami-Dade County Product Control Approved. It is also approved by the State of Florida. Butyl Liquid Rubber White is an ENERGY STAR® qualified product. Butyl Liquid Rubber is available in a variety of colors that are listed with the Cool Roof Rating CouncilSM and provides high solar reflectance and thermal emittance.

SURFACE PREPARATION:

The surface must be free of any oils, moisture, rust scale, soil or other contaminants that may interfere with good adhesion. Remove any loose material from seams or other surfaces with a wire brush or scraper. Oil and grease should also be removed with solvents or an appropriate detergent cleaner. In many cases high pressure water blast will be sufficient to prepare the surface.

APPLICATION TEMPERATURES:

For best results, the temperature of the ambient air and the substrate should be within a range of 50°-100°F. For best spray application, the product should be at a minimum of 60°F. Lower temperatures can be utilized for brush applications.

APPLICATION METHODS:

Butyl Liquid Rubber can be applied by brush, spray or roller. Best results can be obtained with airless spray equipment. See Inland Application Bulletins for additional information.

Recommended Spray Equipment = Airless
 Tip size..... .025"
 Fluid Pressure (PSI)..... 3000
 Fluid hose size..... 3/8" - 1/2"

STANDARD COLORS: *,*White, Black, **Gray, **Beige
 **Off White, **Light Beige, **Light Green, **Light Blue
 **Light Gray, Tile Red, Forrest Green, French Press Brown

ENERGY STAR® approved color = *
 Cool Roof Rating CouncilSM listed = **

TECHNICAL DATA:

Coverage Rate.....	50 sf/gal
Flashpoint.....	101°F.
Weight (lb./gal.).....	8.5
Solids (% by Weight).....	50.0±1%
Viscosity @ 78.....	2900 cps.
Drying Time.....	2-4 hours
Elongation.....	ASTM-D-412..... 500%
Tensile Strength.....	ASTM-D-412..... 1520 PSI
Permeance (10 mils).....	ASTM-E-96..... 0.166 perms
Fungi Resistance.....	ASTM G 21..... 0 (Pass)
Water Swell.....	ASTM D 471..... 0%
Weathering.....	ASTM 4798..... Pass
Low Temp. Flex.....	ASTM D 522..... Pass
Wind Driven Rain.....	TT-C-555B..... Pass

WET ADHESION (ASTM C 794/D 903)

Metal.....	Pass
SBS Mod. Bit.....	Pass
APP Mod. Bit.....	Pass
Smooth BUR.....	Pass
EPDM.....	Pass
TPO.....	Pass
Hypalon.....	Pass
SPUF (Foam).....	Pass

HANDLING & STORAGE:

Butyl Liquid Rubber contains a blend of solvents which is considered combustible by D.O.T. and O.S.H.A. standards. It should be used and stored away from flames, in a well-ventilated atmosphere. Avoid prolonged breathing of vapors and prevent contact with eyes. Read all label information and precautions before using.

The specifications, properties and performance of materials described herein are based on information believed to be reliable. Unless otherwise expressly provided in written contract, the products discussed are sold without conditions or warranties, expressed or implied. Product specifications are subject to change without notice.

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