



PremiCote™ 683 UV

POTMIX URETHANE ROOFING ELASTOMER

PHYSICAL DESCRIPTION

PremiCote 683 UV is a two component elastomeric urethane membrane with superior performance characteristics for roofing or waterproofing applications. PremiCote 683 has a low permeability rating and will maintain the colour grey in UV exposed applications making it ideal for low slope roofing projects over polyurethane foam or coatings over properly prepared concrete floors.

FEATURES

- Cold Temperature Flexibility
- Low Permeability
- Quick Dry Characteristics
- One to One Mix Ratio

ORDERING INFORMATION

- 10 US Gallon kits (2 X 5 gallon pails)
- Freight Class: PG 3, Solvent Solution UN 1139

TECHNICAL SPECIFICATIONS

- Theoretical Coverage 1203 mil sq.ft./US gallon*
- *allow 10 - 15 % extra material for waste
- Weight: 125 pounds per 10 gallon kit

APPLICATION INFORMATION

Mixing

Power agitate components individually with an air powered drill prior to adding equal volumes of A and B together in a clean neutral container. Power agitate for 8 to 10 minutes or until thoroughly mixed. Remember PremiCote 683 is a solvent based pot mix product; do not mix more coating than can be used within the pot life of the system or in the vicinity of any type of flame. Minimum application temperature is 45°F. Do not apply over damp substrates or when poor weather is imminent. Do not apply without ventilation in enclosed areas.

<u>Product Temperature</u>	<u>Pot Life</u>
75 F	1 hour
95 F	30 minutes

Pot life of urethane coatings is drastically shortened by high temperatures. Dark hoses on black roofs should not be left in the hoses for more than a few minutes after spraying has stopped.

Thinning of this product is to a maximum of 10 % by volume using xylene.

Application maximum thickness per pass is 18 dry mils or 1.5 gallons per 100 sq ft. Minimum of 30 dry mils or two passes required for roofing projects.

Technical Data Sheet

Equipment

PremiCote 683 UV is designed for application by 45:1 airless pumps capable of maintaining 3500 psi output. Reversatip spray guns with tip sizes of between .026 and .036 are recommended. Power rollers can be used for sensitive applications of PremiCote 683 to help reduce over spray problems. Use xylene for cleanup and flushing of equipment. Flush pump with xylene prior to starting to remove any moisture residue that may be present in the paint hoses.

Recoat

Applied coating will set in eight hours at 70°F and can be used for light foot traffic after 24 hours cure. For heavy traffic conditions allow an additional 24 hours. For maximum adhesion recoat as soon as cured, or within 36 hours of initial coating application. Use PremiCote 1007 as a primer for applications that are beyond this recoat window.

PROPERTIES OF 683		
Mixing Ratio by Volume	A:B by volume	one to one
Shelf Life		1 year
Solids by volume	calculated	75 %
Tensile Strength	ASTM D 412	2100 psi
Elongation %	ASTM D 412	400 %
Permeability, U.S. Perms	ASTM E 96 (B)	.012 perms
Hardness	ASTM D 2240	90 A
Accelerated Weathering	ASTM D 822/G53	1000 hours passed
Water Absorption	ASTM D 471	2.0 %
Low Temperature Flexibility	ASTM D 2136	-40 F 180 degree bend
Flash Point	ASTM D-56	22° F

Material Safety Data Sheets are available on this coating material. Individuals who may come in contact with these products should read and understand the Material Safety Data Sheet.

Technical Data Sheet