



PremiCote 7625

ALUMINIZED ELASTOMERIC ROOF COATING

DESCRIPTION

PremiCote 7625 is a two-component spray applied coating system. PremiCote 7625 is UV tolerant membrane with outstanding chemical resistance that is ideal as a single pass fast set waterproof elastomer for roofing applications. This monolithic, seamless coating offers superb dependability for a broad range of applications and is supplied in a convenient low viscosity 1:1 mix ratio by volume with the pigment on the B component (resin side).

The physical characteristics of PremiCote 7625 allow for superior performance and quick single pass multiple coat applications for UV protection of spray urethane foam substrates.

PremiCote 7625 can be used for projects over various substrates including: urethane foam, wood, metal, Premium Spray Products approved fabrics, concrete. Heated high pressure plural component pumps capable of maintaining 2000 psi while spraying are required for application of PremiCote 7625. Primary heaters and hose heat must be able to maintain 62°C (145°F) to the spray gun. Consult Premium Spray Products for specific recommendations on surface preparations. Colour is Aluminium.

RECOMMENDED USES

UV Protection of Spray Urethane Roofing Systems
Waterproofing

ORDERING INFORMATION

110 Gallon Kits

FREIGHT CLASSIFICATION

Non – regulated

Technical Data Sheet

TYPICAL WET PROPERTIES

	ISO	POLYOL
Viscosity at 25°C	800 cps ±	600 cps ±
Solids: By weight	100 %	97 %
By volume	100 %	96 %
V.O.C.	0	Pigment 53 grams per litre
Flash Point	>200 C	>200 C
Appearance	Amber Liquid	Aluminium Liquid
Weight per US Gallon	9.25 LBS ± .5	10.6 LBS ± .5
Shelf Life - unopened	12 Months	12 Months

FEATURES

U.V. STABILITY: PremiCote 7625 is an aromatic poly urea coating ideal for use as a “one shot” fast set roofing elastomer or exterior containment lining. The membrane can be left exposed to UV and maintain its structural integrity however loss of gloss on coating surface will occur.

SUBSTRATE VERSATILITY: PremiCote 7625 can be applied to a wide variety of substrates with proper surface preparation and primers. Consult Premium Spray Products for specific recommendations.

PIGMENTATION: PremiCote 7625 contains pigment on the resin (B) component. Remove spray gun screens and pump screens on the “B” component to prevent clogging of screens with aluminized pigment. **Mix B component** individually using high speed shear mixer for 15 minutes or until material colour is consistent each day prior to using.



TYPICAL PHYSICAL PROPERTIES

PROPERTY	ASTM TEST	VALUE
Tensile Strength - film	D 412	2600 PSI \pm 100
Elongation	D 412	320 \pm 20%
Hardness	D 2240	90 Shore A
Low Temperature Resistance	D 1737 1/2"Bend	Rated to - 40 C
Water Vapour Permeability	E-96 method B	0.14 Perms
Tear Resistance	D 624	300 PLI
Weatherability - 15 Years	ASTM-G53	No Visible Deterioration

*variation of physical properties will occur depending on output pressure and ambient conditions.

APPLICATION INFORMATION FOR PREMICOTE 7625

- For uniform coverage over surfaces profiles like urethane foams it is highly recommended to apply a single pass multiple coat spray perpendicular passes for roofing applications. (apply one coat east/west, wait for tack free condition and apply next coat north/south until thickness is achieved)
- Pot life of PremiCote 7625 is short - do not pot mix this product.** High Pressure plural component spray equipment is required for applying this product.
- Paste Pigment is contained in the B component of this product and will settle and must be thoroughly mixed daily. "B" component must be mixed for 20 minutes daily using high speed collapsible blade mixer prior to use. Coating not mixed adequately will appear streaky and will not achieve physical properties typical for the coating.
- Do not introduce moisture to either A or B component.
- Do not add thinner to this product.
- A & B components must be conditioned to 28-32°C (80-90°F) prior to use. Do not re-circulate to preheat components. Use of band heaters or "hot box" method is required.
- Remove all screens on the B component side of the pump and spray gun.
- Premium Spray Products recommends the use of air purge spray guns with a round spray tip in a size suitable to maintain adequate back pressure with the output volume of the pump.
- For terminations and spot repair a solvent wipe with MEK (Methyl Ethyl Ketone) is recommended. Ensure all MEK has flashed off prior to applying the coating. Priming with PremiCote 1007 is the best option for larger surface areas (> a few sq. feet) such as tie-ins or recoat applications.
- PremiCote 7625 is tack free in 20-40 seconds, for multiple pass applications ensure the first pass is completely tack free prior to application of second or subsequent pass.

APPLICATION CONDITIONS

	Minimum	Maximum
Ambient Temperature	4°C (40°F)	49°C (120°F)
Relative Humidity	NA	85 %
Substrate Temperature	4°C (40°F)	38°C (100°F)

Technical Data Sheet



EQUIPMENT SETTINGS

Storage - <i>do not freeze</i>	70°F (20°C)
Container Pre-Heat	32-38°C (90-100°F)
Primary Heater Setting	60-65°C (140-150°F)
Hose Heat Setting	60-65°C (140-150°F)
Output Pressure - Dynamic (while spraying)	2000 psi

COATING CURE SCHEDULE

Ambient Temperature	20-38°C (70-100°F)	7-18°C (45-65°F)
Surface Dry (tack free)	< 1 minute	2-5 minutes
Recoat - minimum*	1 minute	10 minutes
- maximum	6 hours	8 hours
Full Cure	1-2 days	2-4 days

*It is critical that the first pass of coating be completely tack free prior to subsequent pass being applied. For applications that are beyond the recoat window consult Premium Spray Products for details. Do not apply if the substrate is wet or damp which will interfere with adhesion or you are within 2°C (5°F) of dew point.