

## TECHNICAL DATA SHEET

Product Name: ROADLINE™

### Product Description:

RoadLine is a unique cold dry weather apply aliphatic polyurea coating engineered for high-build marking on asphalt and concrete. It is 100% solids formulation delivering a UV stable, fast-cure and chemical resistant polyurea coating technology system. This chemical system can withstand direct harsh sunlight, long-term abrasion and wear-ability on hot black asphalt roads and very cold environments. It should be applied in temperatures above freezing and will instantly cure in 30 sec. This reactive chemistry may be easily altered to fit different line striping equipment and conditions. A slower reactivity permits the addition of reflective micro-sphere glass beads to be broadcasted into the wet coating.

- Excellent adhesion to clean, dry to slightly damp paved road or parking lot surfaces.
- Provides for a longer lasting visual line, very durable and excellent color retention.
- Easy to adapt to different required conditions and physical property specifications.

### Material Property Values and Application Requirements Table

Property	*Values relative to density	Test Method
Tensile Strength	3600 psi	ASTM D412
Flex Modulus	250k psi	ASTM D790
Abrasion Resistance	40 mg loss /1000 cycles	ASTM D4060 (CS-17)
Hardness	Shore D 50-55	ASTM D785
Elongation	250 %	ASTM D412
Salt Spray	1000 h+, no damage	ASTM D714
Application: 90 psi pressure pot spray, hand batch mix rollable or brush.		
Mixing Ratio 1A:1B pbv, High pressure plural component spray machine. Power mix stir B-Side slowly until uniform color and viscosity prior to use, material heated 120F(48°C)		
Surface Preparation: clean, primarily dry but may be slightly damp, no residual cleaner or other contaminates, dirt, loose material, installation ambient temp. 40F(5°C)- 104F(40°C), surface temp. 40F(5°C)- 105F(40°C).		
Tack Free Gel Time = 3-5sec. depending on formulation.		
Functional operation temperature: -40F(-40°C)- 120F(48°C)		
Coverage: 100 sqft. @ 0.016 mils/gal. Build thickness as desired when spraying.		
See SDS for material safety data. Must wear eye goggles, respiratory protection, gloves, etc.		
KEEP MATERIAL FROM FREEZING, moisture-free temperature controlled storage 12°C- 32°C, 12 month shelf life if never opened.		
Packaging: Tote set 550 gal (4900 lbs), 100 gal Drum set (900 lbs), 10 gal Pail set (90 lbs)		

Please contact our Engineering and/or Technical Support Groups with any questions.

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