



FLAK JACKET 1

Technical Data Sheet
Single Component
Moisture-Cure Polyurethane

PRODUCT DESCRIPTION

Flak Jacket 1 is a durable, scratch and fade resistant single-component textured polyurethane coating designed specifically for truck bedliners. It provides long-lasting protection against abrasion, chemicals, UV exposure, and corrosion.

PACKAGING AND COLORS

- 1 or more Gallon(s)
- 32 oz (1 L) containers (ideal for spraying with optional schutz style spray guns)

Standard Color: Black (optimized for truck bedliner applications)

DIRECTIONS

Ready to Use — This product cures by reacting with moisture in the air.

Mixing: Stir well before use

- Do not shake violently (traps air)

APPLICATION

Surface Preparation

- Surface must be properly prepared prior to application
- Use abrasive pad to scuff surface (especially for bedliners)
- Remove loose or excess material that may impair adhesion
- Clean thoroughly with solvent/cleaner to remove dirt, oil, grease
- Final clean-up with Xylene

HANDLING AND STORAGE

- Store in a cool, dry climate away from water, heat, and direct sunlight
- Shelf life: 12 months in original, unopened containers
- **Important:** Once opened, product begins to cure. Do not reseal for long-term storage
- Ideal storage temp: 40°F (5°C) – 77°F (25°C)

PRODUCT ADVANTAGES

- Textured polyurethane finish
- Skid resistant
- Won't chip, flake, or peel
- Bonds to itself for easy repairs
- Chemical resistant (gasoline, oil, solvents)
- Resistant to weak acids
- Excellent solvent-based durability
- UV Resistant
- Water Resistant (once cured)

Coverage: One (1) gallon covers approximately 80 sq. ft.

Method

- Apply using spray gun, roller, or brush
- Use brush for corners and tight spots
- Use roller for main surfaces
- Spray gun similar to Flak Jacket PRO recommended for spraying

SAFETY

- Flammable liquid and vapor
- Causes serious eye irritation
- May cause allergy/asthma symptoms if inhaled
- Avoid contact with skin; Consult SDS and use proper PPE
- Always follow OSHA regulations

24 Hour Support: Chemtrec 800-424-9300

⚠ CRITICAL EQUIPMENT WARNING: This product reacts with moisture/water and will harden quickly upon contact. **DO NOT clean equipment with water.** Use acetone, xylene, or mineral spirits. Ensure no water is present in your sprayer before use. Run solvent through the sprayer prior to application to prevent damage.

TEST RESULTS

Test	Results	Test Method
Tack Free Time	30 minutes	Touch
Cure Time	24 hours	—
Hardness	75 Shore D	ASTM D-2240
Tensile	2,500 psi	ASTM D-638
Tear Resistance	518 lbs/in	ASTM D-624
Weather test, 1,000 hours	Passed	ASTM D-4798
Flexibility	Pass	ASTM D-1737
Abrasion Resistance	8 mg loss	ASTM D-4060
Temperature Resistance	-0.4°F to 212°F (-18°C to 100°C)	—
Elongation	160	ASTM D-628
Shrinkage	None	ASTM D-522

* Test data represents typical physical properties obtained in a laboratory environment and is not a product specification.

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