



VFI®-2580 Aliphatic Top Coat

VFI®-2580 Aliphatic Top Coat is a solvent based, single component, UV stable clearcoat that is made to go over polyurea and polyurea hybrid coatings. VFI-2580 has a unique ability to penetrate and fully coat the existing coated surface. VFI-2580 Aliphatic Top Coat is chemically UV stable which allows it to extend the life of polyureas and polyurea hybrids. A quick cure time gives the 2580 top coat the ability to cure in less than a day.

→ Technical Usage

VFI®-2580 Aliphatic Top Coat has been used in the following applications and may be used in many more applications. Contact Volatile Free, Inc. for more information on any specific applications.

- Spray in Bed Liners

→ Color

Standard color is clear. For additional premium colors or color matching services contact Volatile Free, Inc.

→ UV Stability

This product is UV color stable and has long-term UV testing. For additional information contact Volatile Free, Inc.

→ Coverage/Thickness Requirement

Contact Volatile Free, Inc. for more thickness requirements and specifications.

→ Storage Stability/Shelf Life

12 month shelf life from date of manufacture when stored and sealed in unopened containers between 40°F - 75°F. Opened containers may be resealed with a nitrogen purge, but shelf life will be significantly shortened. Material should be brought to a minimum temperature of 65°F before use.

→ Equipment

For specific instructions and equipment requirements, contact Volatile Free, Inc.

→ Surface Preparation

Surface preparation depends on application and substrate being coated. All surfaces should be cleaned, prepped and free of any oils, dirt or films that could affect the product adhesion. Contact Volatile Free, Inc. with any additional questions.

→ Mixing

Mix until uniform is required on all material. Mix times may vary depending on volume and mixing method. Please contact Volatile Free, Inc. for more information on any specific mixing questions and requirements.

→ Material Application

Temperature should be between 40°F - 100°F when the product is being used. The speed will increase with temperature beyond 72°F. Contact Volatile Free, Inc. for more information on recommended release agents or sealants.

→ Primers

A primer is not recommended for most applications. Contact Volatile Free, Inc. with any primer questions.

→ Cleanup Solvent

Preferred cleanup solvent is xylene or MEK. Please contact Volatile Free, Inc. for more information on cleanup of equipment and tools.

→ Thinning








Do not thin prior to application.

→ Precautions

Contains isocyanate that may be irritating to the skin and is toxic if inhaled as particulate matter. See Safety Data Sheet for complete safety data. Do not add any foreign material to this product. Avoid prolonged breathing of vapors and prolonged or repeated skin contact. Use only with adequate ventilation.

VFI®-2580 ALIPHATIC TOP COAT

Application Method

|  SPRAY |  QWIK SPRAY |  BRUSH |  TROWEL |  ROLLER |  INJECTABLE |  POUR |
|---|--|---|--|--|--|--|
| X | - | - | - | X | X | - |

Physical Properties

| | |
|--|------------|
| Hardness Shore D | 67 |
| Tensile Strength | 8,255 psi |
| Elongation | 15% |
| Tear Strength | 280 pli |
| Yield Strength | 7,611 psi |
| Elastic Modulus | 62,748 psi |
| Flexibility @ 15°F Mandrel (Pass/Fail) | Pass |
| Permanent Set | 5% |

Liquid Properties

| | |
|--------------------|--------------|
| Solids by Weight | 41.50% |
| Solids by Volume | 36.50% |
| Liquid Density | 7.84 lbs/gal |
| Specific Gravity | 0.094 g/mL |
| Viscosity | 550 cps |
| Cure to Touch | 5 hours |
| Tack Free | 2 hours |
| Recoat Window | 4-48 hours |
| Place into Service | 36 hours |
| Flash Point | 115° F |
| VOC | 550 g/L |

Packaging



QUART

 VOLATILE FREE, INC.

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