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Product Data Sheet

VT- 40 Finish Coat **Extreme Chemical Exposure** **Finish Coat**

Product Description - VersaFlex VT-40 Finish Coat is a combination of Viton and PTFE, offering outstanding chemical, temperature and permeation resistance. **VT-40 Finish Coat** is designed to be used in combination with **LC-25 Lock Coat** and **VersaFlex** Fast Set Spray materials. **VersaFlex VT-40** is a heavy solids protective top coating suitable for most service environments. **VT-40** may be applied directly to metal. **VersaFlex** recommends minimum 20 dry mils thickness for containment of harsh chemicals.

Uses - VersaFlex VT-40 Finish Coat may be used with all **VersaFlex** rapid curing polyurea sealants and spray coatings systems. **VT-40** is designed for use in severe duty environments subject to chemical and heat exposures.

Suitable for Exposure to -

- < Anywhere extreme chemical exposure occurs and substrate must be protected

Exposures may include:

- < Acids
- < Caustics
- < Fuels
- < Aqueous solutions

Advantages -

- < Excellent resistance to most harsh chemical environments
- < Continuous operating temperature from -40°F to +400°F
- < 250% elongation
- < Very low coating permeability
- < Excellent weather and UV resistance
- < Will not harden or become brittle
- < Will not shrink after cure

Physical Properties -

Color		Gray or Yellow
Solids Content, %		42
Shore A Hardness	ASTM D2240	>70
Elongation	ASTM D638	250%
Tensile Strength, psi	ASTM D638	>1,000
Bond Strength, psi (Fast Set Spray coatings)	ASTM D4541	>200
Viscosity, cps		>7,000
Tabor Abrasion (H-22 wheel, 1000 gr load)	ASTM D 4060	0.002
Permeability (perm-inch)	ASTM E96	0.0017
Pot Life @ 70° F, 50% RH (After Catalyzed)		30 – 45 mins
Cure Time @ 70°F, 50% RH (longer cure in lower temperatures)		7 days

Packaging -

- < Four Gallon Kit: 4 gallons of **VT-40 Finish Coat** and a separate container of CA-LC25/**VT40** Catalyst.
- < One Gallon Kit: 1 gallon of **VT-40 Finish Coat** and a separate container of CA-LC25/**VT40** Catalyst.

Mixing -

VersaFlex VT-40 is a two-component product.

- < Thoroughly mix **VT-40 Finish Coat** insuring that any solids that may have settled are dispersed back into solution.
- < Add provided CA-LC25/**VT40** Catalyst to **VT-40 Finish Coat** and mix thoroughly.
- < May be applied with brush, roller, squeegee, or lambs wool applicator.

Shelf Life - One year, in original unopened factory containers, under normal storage conditions of 55°F to 95°F.

Safety - Review Material Safety Data Sheet before using. Seal container tightly after use to prevent introduction of moisture laden air.

Application Recommendations -

1. Apply **VersaFlex** Fast Set Spray material and LC-25 Lock Coat. Allow LC-25 Lock Coat to dry for 30 to 90 minutes before over coating. Apply mixed **VT-40 Finish Coat** to achieve a total dry film thickness of approximately 20 mils using a brush, roller, squeegee, or lambs wool applicator. Special care should be taken to insure all areas are completely and uniformly coated. Consult **Material Processing Information** for specific spread rates.
2. Allow 1 to 3 hours of cure time between coats of **VT-40 Finish Coat**. Always insure that areas to be recoated are clean and dry prior to mixing and coating. Allow to cure for 7 days for full effective chemical resistance.

Preparation and Installation - **VersaFlex VT-40** is to be used in combination with LC-25 Lock Coat and **VersaFlex** Fast Set Spray materials. Consult **VersaFlex** for specific installation instructions.

Technical Services - Sales and Customer Support (913) 321-9000

Warranty **VersaFlex Incorporated** will refund the price of or replace, at its election, product it finds to be defective provided the product has been used properly. Except as expressly stated above, the Company makes no warranty of merchantability and no warranty of fitness for any particular purpose, nor does it make any warranty, expressed or implied, of any nature whatsoever with respect to the product or its use. In no event shall the company be liable for delay caused by defects, for loss of use, for indirect, special or consequential damages, or for any charges or expenses of any nature incurred without its written consent.



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