



SPEC DATA SHEET

5300 Series

CHEMICAL RESISTANT URETHANE

PRODUCT DESCRIPTION

Versatile Building Products 5300 Series CRU are available in 400, 250 and 100 VOC formulas. 5300 Series Urethane is a high solids, low viscosity, chemical resistant urethane with excellent wear and durability. 5300 Urethane Topcoat is typically used over floor systems subject to specific chemical spillage and staining, applications requiring U.V. stability, and areas subject to mechanical wear.

COMPOSITION

Special proprietary blend of Urethane, Hardeners, wetting agents, adhesion promoters and other additives.

ADVANTAGES

- Outstanding chemical resistance
- Excellent gloss retention
- Stain resistant
- U.V. stable – non-yellowing

LIMITATIONS

- Will not bridge cracking
- Requires minimum temperature of 55F and 5F over dew point during installation and initial cure cycle.
- Flammable, extinguish all sources of ignition.

AREAS OF USE

- Garage Floors
- Industrial Floors
- Any Concrete Floor
- Previously Coated Floors

COLORS

Clear and Pigmented

PACKAGING and COVERAGE

5310 100 VOC **2-1 Mixing Ratio**
Clear 300-450 ft/kit 200-300 ft/gal
Packaged in 1.5 Gallon Unitized Kits or 5 Gallon bulk
Pigmented 300-450 ft/kit 200-300 ft/gal
Packaged in 1.5 Gallon Unitized Kits or 5 Gallon bulk
5325 250 VOC **1-1 Mixing Ratio**
Clear 400-600 ft/kit 200-300 ft/gal
Packaged in 2 Gallon Unitized Kits or 5 Gallon bulk

5340 400 VOC

1-1 Mixing Ratio

Clear 400-600 ft/kit 200-300 ft/gal
Packaged in 2 Gallon Unitized Kits or 5 Gallon bulk

FINISHES

Smooth High Gloss Film

AVAILABILITY AND COST

Versatile Building Products materials are supplied through building material dealers. Prices vary with quantity and packaging. Quotations are made on request.

INSTALLATION

Refer to manufacturers detailed System Installation Guide.

MAINTENANCE

Maintain the CRU to a minimum thickness of 4 mils. If the CRU is damaged, it can be repaired by sanding the surface, cleaning and then recoating the area with same materials.

TECHNICAL SERVICES

Technical services can be obtained by contacting: VBP direct at 310-632-6500 or 800-535-3325.

TECHNICAL DATA

Properties

Volumetric Mix Ratio A:B

5310	2:1
5325	1:1
5340	1:1

Weight Solids

5310	72%
5325	55%
5340	53%

VOC (Volatile Organic Compounds)

5310	100 g/L
5325	250 g/L
5340	400 g/L

Pot Life , 1 Quart Mass, 70F, Gel Time	90 min
Cure Time	
Dry to Touch	3-6 Hours
Recoat	9-24 Hours
Full Cure	7 Days

Hardness , Pencil (ASTM D 3363)	F-H
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Abrasion Resistance (ASTM D 4060, CS 17, 1KG, 1000 cycles)	15 mgs lost
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Flammability	Self extinguishing over concrete
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Chemical Resistance	Consult Web Page
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Slip Resistance

OSHA and the American Disabilities Act (ADA) have now set enforceable standards for slip-resistance on pedestrian surfaces. The current coefficient of friction required by ADA is .6 on level surfaces and .8 on ramps. Versatile Building Products Inc. recommends the use of angular slip-resistant aggregate in all coatings or flooring systems that may be exposed to wet, oily or greasy conditions. It is the contractor and end users' responsibility to provide a flooring system that meets current safety standards. Versatile Building Products Inc. or its sales agents will not be responsible for injury incurred in a slip and fall accident.

Warranty

Versatile Building Products Inc guarantees that this product is free from manufacturing defects and complies with our published specifications. In the event that the buyer proves that the goods received do not conform to these specifications or were defectively manufactured, the buyer's remedies shall be limited to either the return of the goods and repayment of the purchase price or replacement of the defective material at the option of the seller. Versatile Building Products Inc (herein referred to as "seller") makes no warranty, expressed or implied, regarding the use of its products. Since use of this product is beyond the seller's control, the buyer assumes all risk of use. Seller's obligation shall be to replace material if found defective. Seller shall not be liable for any damage, injury, loss, direct or consequential, resulting from the use of its products. End user must determine if substrate is suitable for coating application before installing.