

PPG VERSAFLEX® 5000

Formerly known as SANISHIELD™ 5000

DESCRIPTION

Two component, elastomeric, aliphatic polyurea topcoat

PRINCIPAL CHARACTERISTICS

- Solvent free
- High UV resistance
- Excellent abrasion resistance
- Flame spread ASTM E84 Class A
- Information Sheet available with test and certification data
- TYPICAL USES:
- Walls and ceilings in food and beverage processing / storage facilities

COLOR AND GLOSS LEVEL

- White and custom colors
- Gloss

BASIC DATA AT 20°C (68°F)

Data for mixed product	
Number of components	Two
Mass density	1.1 kg/l (9.2 lb/US gal)
Volume solids	100%
VOC (Supplied)	max. 4.4 g/l (approx. 0.0 lb/gal) (white)
Recommended dry film thickness	10.0 - 20.0 mils (250 - 500 µm) depending on system
Theoretical spreading rate	134 ft ² /US gal for 12.0 mils (3.3 m ² /l for 300 µm)
Dry to touch	12 minutes
Curing time	18 hours
Shelf life	Base: at least 12 months when stored cool and dry Hardener: at least 12 months when stored cool and dry

Notes:

- Curing time reflects ready for service time
- Refer to Application Guide for additional information

RECOMMENDED SUBSTRATE CONDITIONS AND TEMPERATURES

- Compatible previous coat must be dry and free from any contamination
- Concrete must be sound, dry, free from laitance and any contamination



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Substrate temperature and application conditions

- Ambient temperature during application should be between 2°C (35°F) and 49°C (120°F)
 - Relative humidity during application and curing should not exceed 70%
 - Substrate temperature during application should be at least 5°C (7°F) above dew point
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INSTRUCTIONS FOR USE

- Application with twin-feed hot airless spray equipment
 - For recommended application instructions, see working procedure
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Airless spray: Plural component

- Material requires heated plural component spray set-up with impingement gun

Recommended thinner

No thinner should be added

ADDITIONAL DATA

Product Qualifications

- Compliant with USDA Incidental Food Contact Requirements
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DISCLAIMER

- PPG Protective & Marine Coatings does not accept any responsibility or liability for any odor, taste or contamination imparted to the drinking water from the coatings or products retained in the coating
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SAFETY PRECAUTIONS

- Although this is a solvent-free paint, care should be taken to avoid inhalation of spray mist, as well as contact between the wet paint and exposed skin or eyes
 - Read all label and Safety Data Sheet (SDS) information prior to use.
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WORLDWIDE AVAILABILITY

It is always the aim of PPG Protective & Marine Coatings to supply the same product on a worldwide basis. However, slight modification of the product is sometimes necessary to comply with local or national rules/circumstances. Under these circumstances an alternative product data sheet is used.

REFERENCES

- Guide | PPG VERSAFLEX 3000 & 5000 | Application guidelines
 - Information sheet | Explanation of product data sheets
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WARRANTY

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AVAILABILITY OF PACKAGING

Packaging

- 55-gallon drums

