

PPG 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

- PPG SANISHIELD™ 3000
- 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

INSTRUCTIONS FOR USE

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

Mixing ratio by volume: base to hardener 50:50 (1:1)

Airless spray: Plural component

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

Recommended thinner

No thinner should be added

Cleaning solvent

MEK

ADDITIONAL DATA

Product Qualifications

- Compliant with USDA Incidental Food Contact Requirements

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

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.

REFERENCES

- | | | |
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| • EXPLANATION TO PRODUCT DATA SHEETS | INFORMATION SHEET | 1411 |
| • PPG SANISHIELD 3000 & 5000 APPLICATION GUIDE | LITERATURE | P723 |

PPG SANISHIELD™ 5000

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Product code	Description
SANI5000-3/55	SANISHIELD 5000 PART B (RESIN) WHITE 50 GAL
SANI5000-B/55	SANISHIELD 5000 PART A (ISO) 50 GAL

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