

PPG SANISHIELD™ 3000

DESCRIPTION

Two component, flexible, aromatic polyurea coating for various substrates

PRINCIPAL CHARACTERISTICS

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

COLOR AND GLOSS LEVEL

- Tan
- Semi-gloss

BASIC DATA AT 20°C (68°F)

Data for mixed product	
Number of components	Two
Mass density	1.2 kg/l (9.7 lb/US gal)
Volume solids	100%
VOC (Supplied)	max. 16.8 g/l (approx. 0.1 lb/gal) (white)
Recommended dry film thickness	20.0 - 60.0 mils (500 - 1500 µm) per coat
Theoretical spreading rate	81 ft ² /US gal for 20.0 mils (2.0 m ² /l for 500 µm) 27 ft ² /US gal for 60.0 mils (0.7 m ² /l for 1500 µm)
Dry to touch	35 seconds
Curing time	18 hours
Shelf life	Base: at least 6 months when stored cool and dry Hardener: at least 6 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
- Steel; blast cleaned to a minimum of SSPC-SP10 or ISO-SA2½, blasting profile 50 - 125 µm (2.0 - 5.0 mils)



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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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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
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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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REFERENCES

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

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Product code	Description
SANI3000-1/55	SANISHIELD 3000 PART B (RESIN) TAN 50 GAL
SANI3000-B/55	SANISHIELD 3000 PART A (ISO) 50 GAL

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