

SELECTION & SPECIFICATION DATA

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| Generic Type | Waterborne Acrylic |
| Description | Specialized high solids filler used for sealing/filling masonry surfaces subject to both aggressive and mild environments. Unique formulation allows for topcoating with conventional or high-performance finishes. May be used as a block-filler where LEED-compliant flats and non-flat primers and finishes are required. |
| Features | <ul style="list-style-type: none"> • High solids with excellent filling properties • Dry heat resistance to 200 °F • Wet heat resistance to 120 °F • Block filler for alkyds, acrylics and epoxies • Single component • Low odor; low VOC • Suitable for use in USDA inspected facilities • Applicable for LEED projects as a block filler (not considered a thin-film paint) |
| Color | White (S800) |
| Dry Film Thickness | 305 microns (12 mils) per coat Second coat may be required on rough or extremely porous surfaces to attain pinhole-free surface. |
| Solids Content | By Volume 54% +/- 2% |
| Theoretical Coverage Rate | 21.3 m ² /l at 25 microns (866 ft ² /gal at 1.0 mils) 1.8 m ² /l at 300 microns (72 ft ² /gal at 12.0 mils) Allow for loss in mixing and application. |
| VOC Values | As Supplied : 0.5 lbs/gal (60 g/l) These are nominal values. EPA Method 24: 0.8 lbs/gal (96 g/l) |
| Dry Temp. Resistance | Continuous: 77°C (170°F) Non-Continuous: 93°C (200°F) Slight discoloration is observed above 170°F (76°C). |
| Limitations | <ul style="list-style-type: none"> • Do not apply to surfaces that will exceed 160 °F (71 °C) in service. • Do not use on floors or in immersion service. • Do not apply to damp or wet surfaces. |
| Topcoats | Topcoat with flat or non-flat primers or finishes such as acrylics, epoxies, polyesters depending on service |

SUBSTRATES & SURFACE PREPARATION

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| General | Surfaces <u>must</u> be clean and dry. Employ adequate methods to remove dirt, dust, oil and all other contaminants that could interfere with adhesion of the coating. |
| Concrete or CMU | Concrete shall be designed, placed, cured, and prepared per NACE No. 6/SSPC-SP 13, latest edition. Abrade to remove all laitance, loose concrete, etc. and to create surface profile in accordance with the appropriate ICRI CSP standard for the coating system. |

Sanitile 100

PRODUCT DATA SHEET



MIXING & THINNING

- Mixing** | Power mix until uniform in consistency. Avoid excessive air entrapment.
- Thinning** | Normally not required. May be thinned up to 6 oz/gal with clean potable water for spray application. Material is ready to apply as supplied. Use of thinners other than those supplied or recommended by Carboline may adversely affect product performance and void product warranty, whether expressed or implied.

APPLICATION EQUIPMENT GUIDELINES

Listed below are general equipment guidelines for the application of this product. Job site conditions may require modifications to these guidelines to achieve the desired results.

- Spray Application (General)** | The following spray equipment has been found suitable and is available from manufacturers such as Binks, DeVilbiss and Graco. **Backrolling is required for all spray applications to ensure adequate filling of surface irregularities.**
- Pressure Pot**
 - Unit: Bottom outlet with dual regulators
 - Material Hose: 25' of 3/4" I.D. min.
 - Air Hose: 25' of 1 1/2" I.D. min.
 - Spray Gun: Heavy duty mastic type
 - Fluid Tip: .125"
 - Air Cap: .125" Round
- Low Pressure Pneumatic**
 - Unit: 10:1 min. with evenflow regulator
 - Material Hose: 50' of 1" I.D. min.
 - Air Hose: 50' of 1/2" I.D. min.
 - Spray Gun: Heavy duty mastic type
 - Fluid Tip: .125"

PTFE packings are recommended and are available from the manufacturer.
- Roller** | Use 9"-12" roller with a phenolic core. The roller nap will depend on the texture of the substrate to be coated. Apply with full strokes and avoid re-rolling.

APPLICATION CONDITIONS

| Condition | Material | Surface | Ambient | Humidity |
|-----------|-------------|-------------|-------------|----------|
| Minimum | 10°C (50°F) | 10°C (50°F) | 10°C (50°F) | 0% |
| Maximum | 35°C (95°F) | 35°C (95°F) | 35°C (95°F) | 85% |
| Optimum | 22°C (72°F) | 22°C (72°F) | 22°C (72°F) | 50% |

Do not apply when the surface temperature is less than 5°F (3°C) above the dew point. Do not apply if temperatures are expected to drop below 45°F (10°C) within 24 hours of application. Water base products are sensitive to moisture during cure. **Do not apply to frozen block or any masonry surface that has not completely thawed and avoid application in direct sunlight if possible.** Special application techniques may be required above or below normal application conditions.

CURING SCHEDULE

| Surface Temp. | Dry to Touch | Dry to Recoat/Topcoat with Water Base | Dry to Topcoat with Solvent Base |
|---------------|--------------|---------------------------------------|----------------------------------|
| 24°C (75°F) | 30 Minutes | 18 Hours | 48 Hours |

These times are based on a 12.0 mil (300 micron) dry film thickness. Higher film thicknesses, insufficient ventilation, high humidity or cooler temperatures will require longer cure times.

*Sanitile 100 may be recoated with itself in 60 min. at 75 °F.

CLEANUP & SAFETY

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| Cleanup | Use potable water, followed with a solvent flush to dry equipment. In case of spillage, absorb and dispose of in accordance with local applicable regulations. |
| Safety | Read and follow all caution statements on this product data sheet and on the SDS for this product. Employ normal workmanlike safety precautions. Use adequate ventilation. Keep container closed when not in use. |

PACKAGING, HANDLING & STORAGE

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| Shelf Life | 24 months at 75 °F (24 °C) *Shelf Life: (actual stated shelf life) when kept at recommended storage conditions and in original unopened containers. |
| Storage Temperature & Humidity | 40-110 °F (4°-43 °C) 0-90% Relative Humidity |
| Storage | Store Indoors. KEEP FROM FREEZING. |
| Shipping Weight (Approximate) | <u>1's</u> - 16 lbs (7 kg) <u>5's</u> - 76 lbs (35 kg) |
| Flash Point (Setaflash) | >200 °F (93 °C) |

WARRANTY

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