

SELECTION DATA

Generic Type	Polyester aliphatic polyurethane	
Description	A high performance, clear floor finish where gloss, cleanability, and UV stability are important. Typically used in combination with other flooring systems as a durable, abrasion resistant finish with excellent resistance to marring, scuffing and many commonly used chemicals.	
Recommended Uses	Typical uses include cafeterias, warehouses, hallways, computer rooms, display rooms, laboratories, or other similar uses where appearance is desired.	
Features	<ul style="list-style-type: none"> ▪ Clear finish ▪ High reflectance ▪ VOC compliant ▪ High gloss; 90% or better ▪ Very good flexibility ▪ Can be applied by spray or roller ▪ Excellent impact resistance ▪ Excellent abrasion resistance 	
Exposure	Splash & Spillage	Fumes
Acids (dilute)	Good	Good
Alkalies	Very Good	Very Good
Solvents	Very Good*	Excellent
Salt	Excellent	Excellent
Water	Excellent	Excellent

* Short term exposure to ketones

SUBSTRATES: Apply over properly primed surfaces.

ORDERING INFORMATION

Prices may be obtained from your Carboline Sales Representative or Carboline Customer Service Department.

APPROXIMATE SHIPPING WEIGHT:

Sanitile 865 Clear Gloss **1.0 Gal. Kit**
10 lbs. (4.5 kg)

	1's	5's
Thinner 25	8 lbs. (3.6 kg)	39 lbs. (17.7 kg)

FLASH POINT: (Setaflash)

Part A	132°F (56°C)
Part B	134°F (57°C)
Thinner 25	87°F (30°C)

SPECIFICATION DATA

THEORETICAL SOLIDS CONTENT:

By volume: 56+/- 2%

VOLATILE ORGANIC CONTENT:

The following are nominal values:

As supplied: 3.5 lbs./gal (420 grams/liter)

Thinned:

<u>Thinner</u>	<u>oz./gal</u>	<u>lb/gal</u>	<u>gm/liter</u>
25	13	3.86	463

RECOMMENDED DRY FILM:

2 - 3 mils (50-75 microns)

THEORETICAL COVERAGE PER GALLON:*

898 sq. ft. (22.1 sq. m/l @25 microns)

359 sq. ft @2.5 mils (8.8 sq. m/l @62 microns)

*Mixing and application losses will vary and must be taken into consideration when estimation job requirements.

STORAGE CONDITIONS:

Store indoors.

Temperature: 40-110°F Humidity: 0-90%

SHELF LIFE: 12 months when stored indoors at 75°F (24°C).

GLOSS: High Gloss

APPLICATION INSTRUCTIONS

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

SURFACE PREPARATION:

Apply over recommended primer or coating. Check recoat window of previous coat and if recoat window has been exceeded, prepare surface as recommended. Make certain that the substrate is clean, sound, and free of all dirt, dust, oil, grease, or foreign contaminants. Be absolutely sure surface is completely dry.

MIXING:

Combine Part A and Part B and power mix. Do not whip air into mixture. Allow 3 minutes for sweat-in before applying. It is not recommended to use partial kits.

THINNING: Thinning normally not required, but may be thinned up to (10%) 13 ounces per gallon with Thinner 25 for warm or hot conditions.

Use of thinners other than those supplied or approved by Carboline may adversely affect product performance and void product warranty, whether express or implied.

POT LIFE: 2 hours at 75°F (24°C) and less at higher temperatures.

APPLICATION CONDITIONS:

	<u>Material</u>	<u>Surfaces</u>	<u>Ambient</u>	<u>Humidity</u>
Normal	60-85°F (16-29°C)	60-85°F (16-29°C)	60-85°F (16-29°C)	40-60%
Min.	50°F (10°C)	40°F (4°C)	40°F (4°C)	10%
Max.	90°F (32°C)	85°F (29°C)	85°F (29°C)	75%

This is a moisture sensitive product. Do not apply when the surface temperature is less than 5°F or 3C above the dew point. Avoid application when temperature exceeds 85 F and when humidity is above 75%. In many cases, application will yield the best results during the early morning hours to avoid bubbles and maintain flow properties. It is important to optimize air movement during application and cure. Sufficient to allow solvent release and removal but not too much in order to limit excessive humidity exposures.

SPRAY: This is a high solids coating and film build should be checked frequently (3.5-5.5 mils wet). Take care to maintain a wet edge and protect against overspray or drift.

The following spray equipment had been found suitable and is available from manufactures such as Binks, DeVilbiss and Graco.

Conventional: Pressure pot equipped with dual regulators, 3/8" I.D. minimum material hose, .070" ID. fluid tip and appropriate air cap.

Airless:

Pump Ratio:	30:1 (min)
GPM Output:	3.0 (min)
Material Hose:	3/8" I.D. (min)
Tip Size:	.015"-.017"
Output psi:	2100-2300 psi
Filter size:	60 mesh

* Teflon packings are recommended and are available from the pump manufacturer.

BRUSH OR ROLLER: Use a high quality 1/4" or 3/8" nap woven roller cover. Use a high quality brush for touch-up or cut-in only. Apply at the recommended application rate of 500 square feet per gallon in a uniform manner. (Do not roll excessively.)

DRYING TIMES: These times are based on a 2.5 mil (62 micron) recommended dry film thickness. High film thicknesses and cooler temperatures will lengthen cure times.

Surface
Temp
70°F

Tack Free
12 hours

Light
Traffic
24 hours

Final Cure
5 days

MAINTENANCE: Most standard floor cleaners, cleaning fluids or detergents will not damage the coating. However, we recommend testing for compatibility before using cleaners. Frequency of cleaning will not harm the surface, but do not use abrasive black floor pads, Nylogrit pads or sandpaper. If you use a floor machine, we recommend using bassine brushes, particularly if using antislip aggregate. Mechanical scrubbers will diminish the gloss but not harm the coating.

CLEAN UP: Use Thinner 2.

CAUTION: READ AND FOLLOW ALL CAUTION STATEMENTS ON THIS PRODUCT DATA SHEET AND ON THE MATERIAL SAFETY DATA SHEET FOR THIS PRODUCT



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RPM
An Company