

SELECTION DATA

GENERIC TYPE : Acrylic latex surfacer.

GENERAL PROPERTIES : Contains selected aggregates combined with a tough binder which effectively fills porous concrete, brick or masonry surfaces. Dries rapidly to become completely insoluble in water. Good solvent resistance allows a wide selection of topcoats. Since the material is water based, it can be applied without interrupting the daily work routine.

RECOMMENDED USES : Principally used as a decorative filler over cementitious surfaces to seal pores, holes and irregularities. Forms a relatively smooth, sand finish surface. Can be used on interiors or exteriors of concrete or block buildings. For exterior use Carboline 3359 should be topcoated. Recommended for auxiliary buildings of nuclear power plants, warehouses, industrial plants, schools, institutions, offices, etc.

NOT RECOMMENDED FOR : Immersion applications or direct exposure to corrosive environments without suitable topcoat.

CHEMICAL RESISTANCE : (with recommended topcoat) :

<u>Exposure</u>	<u>Splash & Spillage</u>	<u>Fumes</u>
Acids	NR	Poor
Alkalies	NR	Poor
Solvents	NR	Poor
Salt(Brines)	Good	Good
water	Excellent	Excellent

TEMPERATURE RESISTANCE : (Non-immersion)

Continuous : 300°F(149°C)
Non-continuous : 350°F(177°C)

FLEXIBILITY : Excellent

WEATHERING : Poor without suitable topcoat.

ABRASION RESISTANCE : Very Good

SUBSTRATES : Can be applied over properly prepared concrete block, Haydite block, poured concrete, brick, masonry or other cementitious substrates as recommended.

TOPCOAT REQUIRED : May be topcoated with vinyls, acrylics, alkyds, thin film epoxies, chlorinated rubbers or others as recommended.

COMPATIBILITY WITH OTHER COATINGS : Should be applied directly to substrate. May be applied over certain curing compounds, if a test section indicates satisfactory adhesion. Consult Carboline Technical Service for specific cases.

SPECIFICATION DATA

THEORETICAL SOLIDS CONTENT OF MIXED MATERIAL :

	<u>By Volume</u>
Carboline 3329 Surfacer	50% ± 1%

RECOMMENDED DRY FILM THICKNESS PER COAT :
5 mils (125μ)

THEORETICAL COVERAGE PER MIXED GALLON* :
802 mil sq. ft. (19.6 m²/ℓ @ 25μ)
160 sq. ft. at 5 mils (3.9 m²/ℓ @ 125μ)

***NOTE :** Material losses during mixing and application will vary and must be taken into consideration when estimating job requirements.

SHELF LIFE : 24 months minimum

COLORS : Off-white only.

GLOSS : Flat

ORDERING INFORMATION

Prices may be obtained from Carboline Sales Representative

SHIPPING WEIGHT :

	<u>5's</u>
Carboline 3329 Surfacer	74 lbs.(33.6 kg)

FLASH POINT : (Pensky-Martens Closed Cup)

Carboline 3329 Surfacer : 132°F(56°C)
or Main Office. Terms - Net 30 days.

APPLICATION INSTRUCTIONS

SURFACE PREPARATIONS : Remove any oil or grease from surface to be coated. Remove fins or protrusions by stoning or grinding.

STEEL : Do not coat concrete treated with hardening solution unless test patch indicates satisfactory adhesion. Do not apply coating unless concrete has cured at least 28 days @ 70°F(21°C) and 50% RH or equivalent time. Blow or brush off any loose material.

MIXING : Mix to uniform consistency. Thin with clean water if necessary.

APPLICATION TEMPERATURES :

	<u>Material</u>	<u>Surfaces</u>
Normal	60-75°F(16-24°C)	65-85°F(18-29°C)
Minimum	50°F(10°C)	50°F(10°C)
Maximum	110°F(32°C)	120°F(49°C)
	<u>Ambient</u>	<u>Humidity</u>
Normal	65-85°F(18-29°C)	NA
Minimum	50°F(10°C)	5%
Maximum	110°F(43°C)	95%

Special thinning and application techniques may be required above or below normal condition.

SPRAY : Not recommended (abrades tips)

BRUSH OR ROLLER : Use soft, flexible brush or medium nap roller. Work into openings on porous surfaces. Keep brush full at all times.

DRYING TIMES :

<u>Temperature</u>	<u>Recoat or to Handle</u>	<u>Final Cure</u>
50°F(10°C)	6 Hours	60 Hours
60°F(16°C)	4 Hours	36 Hours
75°F(24°C)	2 Hours	18 Hours
90°F(32°C)	1 Hour	8 Hours

CLEAN UP : Water, if material has dried use Carboline Thinner #2.

STORAGE CONDITIONS :

Temperature : 45°F-110°F(7-43°C)
Humidity : 0-100%

KEEP FROM FREEZING.

For more detailed information please consult specific Carboline Application Guides.

CAUTION: CONTAINS FLAMMABLE SOLVENTS. KEEP AWAY FROM SPARKS AND OPEN FLAMES. IN CONFINED AREAS WORKMEN MUST WEAR FRESH AIRLINE RESPIRATORS. HYPERSENSITIVE PERSONS SHOULD WEAR GLOVES OR USE PROTECTIVE CREAM. ALL ELECTRIC EQUIPMENT AND INSTALLATIONS SHOULD BE MADE AND GROUNDED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE. IN AREAS WHERE EXPLOSION HAZARDS EXIST, WORKMEN SHOULD BE REQUIRED TO USE NONFERROUS TOOLS AND TO WEAR CONDUCTIVE AND NONSPARKING SHOES.

