



## NOVOC<sup>®</sup> 200 C

**NOVOC<sup>®</sup> 200C A&B** is a non-yellowing, two-component, aspartic urethane clear coat with excellent wear, adhesion, weathering and chemical resistance properties. When used as a topcoat for epoxy-based coatings, **NOVOC<sup>®</sup> 200C A&B** provides UV-light protection and additional abrasion resistance. **NOVOC<sup>®</sup> 200C** is a 100% solids system suitable for use in sensitive areas where VOCs are not desired.

### PRIMARY APPLICATIONS

**NOVOC<sup>®</sup> 200C A&B** is recommended as a high performance topcoat for seamless floor coating systems, typically in areas subject to corrosive chemicals such as medical research laboratories and operating rooms.

### FEATURES/BENEFITS

- 1 to 1 ratio by volume for easy measuring/mixing
- Excellent adhesion to concrete, epoxy, composites, metal, wood and most polymer substrates
- 100% solids system low odor, no VOCs
- Excellent chemical resistance
- Non-yellowing/UV Safe
- Excellent abrasion resistance
- Single or multiple coat application
- Interior or exterior use
- Very low color clear coat
- Fast return to service
- Suitable for spray or roll application

### TECHNICAL INFORMATION

#### Typical Engineering Data:

The following results were developed under laboratory conditions.

Viscosity cp..(mixed) .....	800
Working time .....	15 to 18 minutes
Drying time @ 73 °F (24 °C), 50% RH	
Tack free .....	1 hours
Light foot traffic .....	4-6 hours
Complete cure.....	12 hours
VOC content .....	<1 g/L
Solids by weight.....	100%
Resistance to tire marking.....	excellent
Taber abrasion CS-17 wheel	
1000 gram load.....	78 mg weight loss
Appearance: A side very light amber clear, B side hazy wet; dries clear	

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## Chemical resistance Spot Test after 14 day cure (ASTM D1308)

	RESULT AFTER 4 HOURS	RESULT AFTER 24 HOURS
10% Acetic Acid	no effect	no effect
10% Sulfuric Acid	no effect	no effect
MEK	no effect	no effect
IPA	no effect	no effect
14% Ammonium Hydroxide	no effect	no effect
10% Bleach	no effect	no effect
Gasoline	no effect	no effect
50% Sodium Hydroxide	no effect	no effect

### PACKAGING

NOVOC® 200C A&B is packaged in 1 gal or five gallon pails.

### SHELF LIFE

Six months in original, unopened containers.

### COVERAGE

The coverage rate is 300 to 400 ft<sup>2</sup>/gal (7.4 to 9.8 m<sup>2</sup>/L), and is highly dependent on substrate texture and porosity.

### DIRECTIONS FOR USE

#### SURFACE PREPARATION:

New concrete must be cured a minimum of 28 days. Concrete surfaces must be structurally sound, free of loose or deteriorated concrete and free of dust, dirt, paint, efflorescence, oil and other contaminants. Applications to epoxy coatings should be done after they epoxy is tack free, but no longer than 24 hours after they epoxy is applied.

#### PRIMING:

For optimum results indoors, prime the prepared concrete floor first with HIGH PERFORMANCE EPOXY, or PRIME COAT. The primed floor should be tack free and clear in appearance. Do not apply over acrylic sealers.

#### MIXING:

Measure out equal volumes of A and B sides. Carefully pour the Part B into the Part A. Do not change the ratio of cure to resin. Blend thoroughly for 2 to 3 minutes with a spiral mixing blade attached to a low-speed (400-600 RPM) electric drill. Take care not to introduce air into the material when mixing because this will cause "bubbles" in the coating when applied.

#### POT LIFE:

At 75 °F (24 °C) and 50% RH, URETHANE WATER BASED has a useful working time or pot life of approximately 15 minutes. Using any product beyond this time will result in variable results, and therefore any mixed product beyond the pot life should be discarded. Apply all material to the floor as quickly as possible.

**APPLICATION:**

When applying **NOVOC® 200C** Aspartic coating, applicator should wear spiked shoes. Apply with a 1/4 inch nap roller that is shed resistant. **NOVOC 200C** must be rolled as evenly as possible. To do this, roll forward in a straight line and then roll the same column backwards to eliminate spike shoe marks. When rolling the next column, overlap the previous column by 1/2 in. Avoid excess agitation of the liquid with the roller, which will lessen the chances of bubbling in the final film. Allow the coating to dry 3-4 hours @ 75 °F (24 °C) and 50% RH.

**PRECAUTIONS/LIMITATIONS**

- New concrete must cure for at least 28 days.
- Avoid mixing and application of this product if the floor temperature is below 55 °F (13 °C) or above 85 °F (29 °C).
- Do not use when relative humidity exceeds 75%.
- Do not exceed recommended coverage rates.
- Do not allow material to puddle during application.
- Allow each coat to dry tack-free surfaces before recoating.
- Apply each coat within 24 hours of previous coat (if longer, abrade the previous coat with Scotch-Brite™ or 320-grit sandpaper.)
- Do not use material which has been frozen
- For professional use only
- In all cases, consult the Safety Data Sheet before use.

Andara LLC. recommends that each user evaluate the performance of the **NOVOC® 200C A&B** under conditions that simulate production procedures as nearly as possible to determine suitability for each application. For additional technical information or questions, contact your sales representative.