



Broda™ 501-AG

Anti-Graffiti Coating

CHARACTERISTICS

Broda 501-AG Anti-Graffiti Coating is a high performance, clear, semi-permanent, anti-graffiti coating formulated for application on painted and unpainted surfaces. Broda 501-AG provides an invisible barrier to prevent the absorption of paint, ink and other mediums into the substrate behind and prevents adhesion of posters, decals, tape, etc. The substrate appearance is unchanged after application. Broda 501-AG is transparent, non-ambering and vapour permeable, providing excellent water repellency while reducing cracking, spalling, freeze/thaw damage, chemical degradation, biological growth, efflorescence and dirt build up. When applied to painted surfaces Broda 501-AG will revive old oxidized surfaces and/or will prevent oxidization newly painted surfaces. Broda 501-AG does not cloud plastics and does not yellow over time. Broda 501-AG may need to be reapplied to areas where graffiti was removed with a cleaning product.

Appearance: Milky, liquid
Odour: None
Flammability: None
Freezing Point: 0°C
Hazardous Ingredients: None
Chemical Stability: Yes

Coverage:

Rough/porous: 50 – 125 sq. ft./gal
Smooth: 500 – 1000 sq. ft./gal

Drying Time @ 50% RH:

	@5C	@12C	@20C
Touch:	4 hours	1 hours	.5 hours
Recoat:	12 hours	4 hours	1 hours

Temperature and humidity dependant.

Air and surface temperature should not drop below 1C for 48 hours after application.

Finish: 0 - 5 units at 85^o rough surface
10 -35 units at 85^o smooth surface
Flash point: N/A

VOC (less water): 0 grams/liter
Weight per Gallon: 8.2 lb/gal

Volume Solids: 8.5%
Weight Solids: 8.5%

Meets Environment Canada's Envirochoice ECP-76 performance and environmental criteria.

SPECIFICATIONS

2 coats

SAFETY AND HANDLING

See MSD Sheet

APPLICATION

When the temperature is at or lower than 3C, substrates may be colder. Prior to application ensure the air, surface and material temperature is above 1C. Avoid using if rain or snow is expected on the coated surface within 48 - 72 hours at low temperatures.

Brush:	No reduction necessary. Synthetic bristle.	Spray-HVLP:	
Roller:	No reduction necessary. 10 – 20 mm for rough surface/painter mitt, pad, lint free rag for smooth surfaces	Pressure:	
Spray-Airless:		Tip:	standard needle
Pressure:	1500 psi	Reduction:	Not necessary.
Tip:	.009 - .013		
Reduction:	Not necessary		

Stir containers of Broda 501-AG Anti Graffiti Coating well.

Broda 501-AG may be applied to dry or damp surfaces.

Rough surface:

Apply 1st coat of Broda 501-AG, fully saturating surface to achieve recommended coverage. Spread any runs or puddles. Let dry for recommended recoat period. Apply 2nd coat, fully saturating surface to achieve recommended coverage. Spread any runs or puddles.

Smooth surface:

Spread Broda 501-AG lightly and evenly to achieve recommended coverage. Can be polished lightly when dry.

Important:

Not recommended to be applied in direct sunlight.

Apply from bottom to top of project.

Shelf life is 6 months from manufactured date.

SURFACE PREPARATION

WARNING! Removal of old paint by sanding, scraping, stripping or by other means may generate dust or fumes that contain lead.

Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women.

Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead information

Center at 1-800-424-LEAD (in the US) or call your local health authority.

Remove all graffiti, marks, mildew, oil, dirt, efflorescence and deteriorated substrate.

Ensure all coatings and paint to be protected are in required condition.

Replace all deteriorated substrate as required.

This coating may be applied over paints and coatings. However, the colour of the existing coating or paint will be visible through this finish.

CLEANUP INFORMATION

Clean spills and splatters immediately with soap and warm water. Clean hands and tools immediately after use with soap and warm water.

After cleaning, flush spray equipment with mineral spirits to prevent rusting of the equipment if recommended by the manufacturer.

Follow manufacturer's safety recommendations when using mineral spirits. Dried spots and tools are very difficult to clean. Avoid this situation.

CAUTIONS

Do not apply at temperatures below 1C.

Avoid use on horizontal surfaces where traffic is possible.

LABEL CAUTIONS

Use only in well ventilated conditions. Always wear respiratory protection (NIOSH approved). If you experience headaches or dizziness, increase fresh air or leave the area. Do not take internally. May irritate eyes. Do not get in eyes. May irritate skin. Do not

get on skin or clothing. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other

containers for storage. FIRST AID TREATMENT: If in eyes, rinse with water for 15 minutes. If on skin, rinse well with water. If

swallowed, call a Poison Control Centre or doctor immediately. Do not induce vomiting. KEEP OUT OR REACH OF CHILDREN.

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of CBR

Products (a division of Canadian Building Restoration Products Inc.). Such information and recommendations set forth herein are

subject to change and pertain to the product offered at the time of publication. Consult your CBR Products representative to obtain

the most recent Product Data Sheet.

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The restoration, preservation and coating experts