



## PRODUCT DATA SHEET Flat Black AWLGRIP® Topcoat G2002

### Features & Uses

A two component, polyester based, light-fast, linear aliphatic polyurethane coating in a flat finish, with outstanding chemical resistance and color retention. Do not wax, buff, compound, or polish. For use above the waterline only.

### Specification Data

Type	Two Component Linear Aliphatic Polyester Polyurethane
Color	Black
Packaging	Available in 1 gallon/3.785 liters and 1 quart/0.946 liter containers.

#### Theoretical Coverage

Spray Application: 415 Sq. Feet (39 m<sup>2</sup>) at 1 mil (25 microns) dry film thickness; 180 Sq. Feet (17 m<sup>2</sup>) at recommended dry film thickness.

Recommended Wet Film Thickness 6-9 mils per coat (150-225 microns), total of 2-3 coats.

Recommended Dry Film Thickness 2-3 mils per coat (50-75 microns), total of 2-3 coats.

Coverage calculations are based on a theoretical transfer efficiency of 100%. Actual coverage rate obtained will vary according to equipment choice, application techniques, part size, and application environment.

Anticipated Cure Time at 77°F/25°C, 50% R.H: 24 hours to tape free; 3 to 4 days to light service; 14 to 21 days for full cure.

Recoatibility (at 77°F/25°C, 50% RH): Spray applications consist of two to three coats applied over 1-4 hours. Exact time will vary with temperature, project size, and film thickness applied. AWLGRIP® topcoats which have been allowed to cure more than 24 hours must be sanded before recoating.

VOC: Base (G2002) – 557 g/lit or 4.6 lbs/gallon  
Converter (G3010) – 591 g/lit or 4.9 lbs/gallon

### Product Components, Reducers, Additives, and Auxiliary Components

AWLGRIP® Flat Black Base	G2002
AWL-CAT #2 Spray Converter	G3010
Spray Reducer	T0002
PRO-CURE Accelerator X-98	73014
PRO-CURE Accelerator X-138	73015
GRIPTEX Non-Skid Particles-Fine	73012
GRIPTEX Non-Skid Particles-Coarse	73013
CRATER-X	M1017
SPATTER IT Texture Additive	M3048
Equipment Cleaning	T0002 or M.E.K.

### Application Equipment

Conventional spray only. Use Binks or Equivalent. Not recommended for application by brush or roller.

1 East Water Street • Waukegan, Illinois 60085 • USA • Tel: 847.599.6212 • Fax: 847.599.6209  
Bannerlaan 54 • B-2280 Grobbendonk • Belgium • Intl. Tel: 32.14.257770 • Intl. Fax: 32.14.230880  
76 Waterway Drive • Coomera • QLD 4209 • Australia • Tel: 61.7.5573.9600 or 1800.007.866 • Fax: 61.7.5573.9677  
449 Tagore Industrial Avenue • 01 03 Hong Joo Industrial Building • Singapore 787820 • Tel: 65.6453.1981 • Fax: 65.6453.1778

**Equipment Recommendation:****Pressure Pot System Guns**

Binks or equivalent:

Spray Gun: #95

Fluid Nozzle: #63BSS (.046" Orifice Size)

Fluid Needle: #663A

Air Nozzle: #63PW

Pressure pot gauge should read 8 to 12 lbs. with 50 to 60 lbs. atomization.

**Siphon or Cup Gun System**

Binks or equivalent:

Spray Gun: #95

Fluid Nozzle: #66SS (.070" Orifice Size)

Fluid Needle: #665

Air Nozzle: #63SK

Atomizing air pressure should be approximately 50 to 60 lbs. The above set up works well on a pressure pot when applying GRIPTEX Non-Skid, High Build, and 545 Primer.

**Surface Preparation**

AWLGRIP® G2002 Flat Black should be applied over properly prepared 545 Epoxy Primer or Final Prime 5.0.

**Mixing & Reduction**

Spray: Mix by volume two parts AWLGRIP® G2002 Topcoat Base Component with one part AWL-CAT #2 (G3010) Spray Converter to a smooth, homogenous mixture. Reduce 25-50% with T0002 spray reducer. At 33% reduction the overall mix is 2:1:1 by volume.

Example: 8 oz. G2002 Base, 4 oz. G3010, 4 oz. T0002 Reducer. 33% reduction is a standard mix.

**Application Instructions**

General: The primed surface must be clean and dry. The primer must be smooth sanded with 220-320 grit paper before topcoat application. Using a contrasting mist coat of lacquer primer as a "guide coat" is recommended. Smooth sanding until all of the "guide coat" is removed indicates a texture free surface.

Two to three coats are recommended for spray applications. Two coats is the minimum! Topcoating cannot be done in one coat!

Spray Application: Apply a light, smooth, slightly wet tack coat to the surface. Allow tack coat to "flash off" 30 to 45 minutes. Then apply a full, wet coat to achieve color coverage (i.e., hide) and film thickness requirements. If preferred, three coats may be used. Allow the second coat to "flash off" 30 to 45 minutes until only slightly tacky before applying third coat. In three coat applications, coats two and three are not "full, wet" coats. The second coat is a slightly heavy tack coat with the third coat just wet enough to obtain full hide (opacity) or color coverage.

**Warning:**

Temperature Range: Optimal Surface/Ambient Temperature range is 18°C (60°F) to 35°C (95°F). Proper Application and/or cure results may be more difficult to achieve when conditions are outside this range. Do not apply paint materials to surfaces less than 3°C or 5° F above dew point. Do not apply paint materials to surfaces warmer than 41°C (105°F). Ambient temperature should be minimum 10°C (50°F) and maximum 41°C (105°F).

1 East Water Street • Waukegan, Illinois 60085 • USA • Tel: 847.599.6212 • Fax: 847.599.6209

Bannerlaan 54 • B-2280 Grobbendonk • Belgium • Intl. Tel: 32.14.257770 • Intl. Fax: 32.14.230880

76 Waterway Drive • Coomera • QLD 4209 • Australia • Tel: 61.7.5573.9600 or 1800.007.866 • Fax: 61.7.5573.9677

449 Tagore Industrial Avenue • 01 03 Hong Joo Industrial Building • Singapore 787820 • Tel: 65.6453.1981 • Fax: 65.6453.1778



## PRODUCT DATA SHEET Flat Black AWLGRIP® Topcoat G2002

The information in this Product Data Sheet is not intended to be exhaustive. Any person using the product without first making further enquiries as to the suitability of the product for the intended purpose does so at their own risk and, to the extent permitted by law, we can accept no responsibility for the performance of the product or for any loss or damage arising out of such use. The information contained in this Product Data Sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.

**Awlgrip®** and all products mentioned in this Product Data Sheet are trademarks of, or licensed to, Akzo Nobel.

© Akzo Nobel, 2005

1 East Water Street • Waukegan, Illinois 60085 • USA • Tel: 847.599.6212 • Fax: 847.599.6209  
Bannerlaan 54 • B-2280 Grobbendonk • Belgium • Intl. Tel: 32.14.257770 • Intl. Fax: 32.14.230880  
76 Waterway Drive • Coomera • QLD 4209 • Australia • Tel: 61.7.5573.9600 or 1800.007.866 • Fax: 61.7.5573.9677  
449 Tagore Industrial Avenue • 01 03 Hong Joo Industrial Building • Singapore 787820 • Tel: 65.6453.1981 • Fax: 65.6453.1778