



**PRODUCT DATA SHEET**  
**AWLGRIP® Topcoats G/H Line**

(Code Numbers can be found on Suggested List Price Schedule or Color Card)

**Features & Uses**

A two component, polyester based, light-fast, linear aliphatic polyurethane coating with long lasting gloss and color retention, and outstanding chemical resistance. Do not use below the waterline. A low maintenance coating. Do not wax, buff, compound, or polish.

**Specification Data**

Type: Two Component Linear Aliphatic Polyester Polyurethane

Color: See Color Card and / or your Awlmix distributor.

Packaging: Available in 1 gallon and 1 quart containers.

Theoretical Coverage - Sq. Feet/Gallon

Spray Application: 530 Sq. Feet (49m<sup>2</sup>) at 1 mil (25 microns) dry film thickness; 210 Sq. Feet (19.5m<sup>2</sup>) at recommended dry film thickness.

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

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

Coverage calculations are calculated for mixed base and converter, reduced 25% and 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/50% R.H: 24 hours to tape free; 3 days to light service; 14 days for full cure.

Brush/Roller Application: 700-725 Sq. Feet (65-67m<sup>2</sup>) at 1 mil (25 microns) dry; 285 Sq. Feet (26m<sup>2</sup>) at recommended dry film thickness.

Recommended Wet Film Thickness: 4.5-6 mils (112.5-150 microns), total of 2 coats.

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

Recoatibility: 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. Brush/Roller applications require at least 2 coats applied a minimum of 16 hours apart. AWLGRIP® topcoats which have been allowed to cure more than 24 hours must be sanded before recoating.

VOC: Base: 470 g/ltr or 3.9 lbs/gallon

Spray Converter (G3010) 591g/ltr or 4.9 lbs/gallon

Brush Converter (H3002) 276 g/ltr or 2.3 lbs/gallon

**Product Components, Reducers, Additives, and Auxiliary Components**

AWLGRIP Gloss Topcoat Base.....	(Number from the Stock List)
High Gloss Clear Base .....	G3005
AWL-CAT #2 Spray Converter .....	G3010
AWL-CAT #3 Brushing Converter .....	H3002
Standard Reducer-Spray .....	T0003
Fast Evaporating Reducer-Spray .....	T0001
Very Fast Evaporating Reducer-Spray .....	T0002
Hot Weather Reducer-Spray .....	T0005
Brush/Roller Reducer .....	T0031
PRO-CURE Accelerator X-98.....	73014
PRO-CURE Accelerator X-138.....	73015
GRIPTEX Non-Skid Particles-Fine .....	73012
GRIPTEX Non-Skid Particles-Coarse .....	73013
1010 Flattening Agent .....	G3013
CRATER-X .....	M1017
SPATTER IT Texture Additive.....	M3048
Equipment Cleaning .....	T0001, T0002, or T0003, or M.E.K.

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 AWLGRIP® Topcoats G/H Line

(Code Numbers can be found on Suggested List Price Schedule or Color Card)

### Application Equipment

Conventional air atomized spray, HVLP spray, brush or roller.

### Surface Preparation

AWLGRIP colors should be applied over properly prepared 545 Primer or in brush/roller applications AWL®-QUIK Primer. AWLGRIP High Gloss Clear G3005 can be applied over dark AWLGRIP colors which have been sanded with 320-400 grit paper. Do not apply G3005 over white or pastel colors. Do not apply G3005 directly to bare wood.

### Mixing & Reduction

Spray: Mix by volume one part AWLGRIP® Topcoat Base Component with one part AWL-CAT #2/G3010 Spray Converter to a smooth, homogenous mixture. Reduce up to 25% with the spray reducer(s) appropriate for conditions. Overall mix is 1:1:1/2 by volume. Example: 8 oz. Base, 8 oz. G3010, 4 oz. Reducer. 25% reduction is a standard mix. Clear coats, metallic colors, and painting in high temperature conditions may require additional reduction. 40% reduction is the maximum recommendation.

Brush/Roller: Mix by volume two parts AWLGRIP® Topcoat Base Component with one part AWL-CAT #3/H3002 Brushing Converter until one smooth, homogenous mixture is obtained. Reduce 25% to 33% with T0031. Overall mix is 2:1:3/4-1 by volume. Example: 8 oz. Base, 4 oz. H3002, 3-4 oz. T0031.

### Application Instructions

**General:** The primed surface must be clean and dry. Achieving maximum gloss and distinction of image requires the primer 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. Brush/Roller applications require two coats. Regardless of application method 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.

Brush/Roller application: Apply AWLGRIP® Topcoat in two coats of 1.5 to 2.5 mils WFT each. Allow 16 hours between each coat. Sanding between coats with 280 to 400 grit paper will provide a smoother finish.

On large surfaces such as hull sides, transoms, and house sides, first roll the AWLGRIP® Topcoat and then smooth the roller stipple by lightly tipping the surface with a brush. This can be done with 2 painters working side by side (i.e., 1 rolling and 1 tipping), or with 1 painter rolling approximately 6 square feet and then tipping that area before rolling any further.

Do not apply paint materials to surfaces warmer than 105°F or colder than 55°F. Do not attempt to cure products at temperatures below 55°F.

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