Product Data Sheet
Flattening Agent G3013

Intended Uses

Flattening Agent G3013 reduces the gloss of Awlgrip or Awlcraft 2000 Urethane Topcoats to a flat or semi-gloss finish.

Preferred application is by spray. Roller application will provide more uniform gloss than brushing. Awlcraft 2000 cannot be brushed or rolled.

Not recommended for application to large expanses of surface as unequal gloss and appearance may result.

Please note, we recommend using reducer T0003 to achieve optimum results at temperatures of 20ºC/68ºF or over.

Specification Data

Volume Solids	43%
Specific Gravity	1.35
Available Packs	1 US Quart, 1 US Gallon
Typical Shelf Life	2 years

Theoretical Coverage

Application Methods	Number of Coats	Recommended Per Coat			Theoretical Coverage Per Coat (at recommended DFT)
		WFT	DFT	Max DFT	
Air Atomized	3	75 µm 3 mil	30 µm 1.2 mil	75 µm 3 mil	13.5 m²/lt 550 ft²/Gal

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

VOC

All VOC information contained herein is theoretical (unless otherwise stated). Actual VOC content may vary by batch and when tested via standard test methodology.

Product	As Supplied (without reducer)			
	g/L	lb/gal	g/Kg	lb/lb
Flattening Agent G3013	502	4.19		

Surface Preparation

This product is an additive component. See instructions and recommendations for the primary product.

Mixing & Reduction

Thoroughly mix the color base and Flattening Agent G3013. Then stir in the G3010. When one homogenous mixture is obtained add the T0003 Reducer. Strain mix with a 60-100 mesh cone strainer before applying. The use of T0003 will provide a better spray experience and a smoother finish than other thinners with G3013 Flattening Agent.

AWLGRIP® Topcoat: Mixture for Flat Finish
1 part by volume AWLGRIP® Color Base
1 part by volume Flattening Agent G3013
1 part by volume AWL-CAT® #2 Converter
1 part by volume T0003 Reducer
Example: 8 oz. color base : 8 oz. G3013 : 8 oz. G3010 : 8 oz. T0003
G3013 may need to be added above 1 part per volume to obtain extreme low gloss for dark colours.

AWLGRIP® Topcoat: Mixture for Semi-Gloss Finish
1 part by volume AWLGRIP® Color Base
1/2 part by volume Flattening Agent G3013
1 part by volume AWL-CAT® #2 Converter
1 part by volume T0003 Reducer
Example: 8 oz. color base : 4 oz. G3013 : 8 oz. G3010 : 8 oz. T0003

AWLCRAFT® 2000 Topcoat: Mixture for Flat Finish
2 parts by volume AWLCRAFT® 2000 Color Base

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2 parts by volume Flattening Agent G3013
1 part by volume AWL-CAT® #2 Converter
1 part by volume T0003 Reducer
Example: 8 oz. color base : 8 oz. G3013 : 4 oz. G3010 : 4 oz. T0003

AWLCRAFT® 2000 Topcoat: Mixture for Semi-Gloss Finish
2 parts by volume AWLCRAFT® 2000 Color Base
1 part by volume Flattening Agent G3013
1 part by volume AWL-CAT® #2 Converter
1 part by volume T0003 Reducer
Example: 8 oz. color base : 4 oz. G3013 : 4 oz. G3010 : 4 oz. T0003

Mixing and reduction requirements will vary according to individual conditions, climate, equipment choice/condition and other factors. Mixing and application of a small sample before full-scale application is recommended.

Application

Application equipment and parameters are given as a guide. Actual equipment choices will vary according to application conditions, equipment condition and other factors Testing on a non-critical area should be carried out prior to full-scale preparation Contact your local technical service representative for further advice if necessary.

This product is an additive component. See instructions and recommendations for the primary product.

Spray application is recommended when using Flattening Agent G3013. Apply 3 full coats, 75 microns WFT each (Tip size 1.2). Mist coats will result in rough appearance.

The friction from brush and roller applications sometimes shears the G3013 causing areas of high and low gloss. If you absolutely cannot spray, rolling is preferred to brushing. AWLCRAFT® 2000 cannot be brushed or rolled.

Do not apply paint materials to surfaces warmer than 41°C (105°F) or colder than 13°C (55°F) Do not attempt to cure products at temperatures below 13°C (55°F) Patch tests are highly recommended to check the gloss level obtained.

Patch tests are highly recommended to check the gloss level obtained.The actual levels of Flattening Agent G3013 required may vary somewhat from colour to colour. It should also be noted that the exact gloss level achieved will vary slightly with film build applied.

Not recommended for application to large expanses of surface as unequal gloss and appearance may result. Not recommended with Clear Coats OC0300, OF3029 and OG3005. Use in colour base only.



Recoatability & Drying Times

This product is an additive component. See instructions and recommendations for the primary product.



Warning Notes

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.

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