

## ANILOX RECOMMENDATIONS FOR THE MOST COMMON COATING APPLICATIONS

Waterbased Coatings	Recommended Anilox
High Gloss Coatings	13-18 cm <sup>3</sup> /m <sup>2</sup> TwinFlo
Gloss Coatings	11-13 cm <sup>3</sup> /m <sup>2</sup> TwinFlo
Matt Coatings	9-11 cm <sup>3</sup> /m <sup>2</sup> UniFlo
Primer for UV Inline (double coating)	14-16 cm <sup>3</sup> /m <sup>2</sup> TwinFlo
Primer for Offline	13-15 cm <sup>3</sup> /m <sup>2</sup> TwinFlo
Blister Coatings	15-22 cm <sup>3</sup> /m <sup>2</sup> TwinFlo
Barrier Coatings	15-22 cm <sup>3</sup> /m <sup>2</sup> TwinFlo
Anti Slip Coatings	13-15 cm <sup>3</sup> /m <sup>2</sup> TwinFlo
Non-absorbent Substrates	14-16 cm <sup>3</sup> /m <sup>2</sup> TwinFlo
Drip Off (fine detail)	9-11 cm <sup>3</sup> /m <sup>2</sup> UniFlo
<b>UV Coatings</b>	
High Gloss Coatings	15-22 cm <sup>3</sup> /m <sup>2</sup> TwinFlo
Matt Coatings	9-11 cm <sup>3</sup> /m <sup>2</sup> TwinFlo
Drip Off (medium detail)	10-15 cm <sup>3</sup> /m <sup>2</sup> UniFlo
Drip Off (big areas)	15-20 cm <sup>3</sup> /m <sup>2</sup> TwinFlo
<b>Special Effect Coatings</b>	
Metallic Coatings: Text	5-8 cm <sup>3</sup> /m <sup>2</sup> UniFlo
Metallic Coatings: Solids	9-12 cm <sup>3</sup> /m <sup>2</sup> UniFlo



UV spot Varnish application



Gold Metallic coating



Iriodin coating

<b>Metallic Coatings: Solids &amp; Text</b>	8-10 cm <sup>3</sup> /m <sup>2</sup> UniFlo
<b>Pearlescent Coatings fine: 5-25 μ</b>	11-15 cm <sup>3</sup> /m <sup>2</sup> TwinFlo
<b>Pearlescent Coatings medium: 16-60 μ</b>	13-18 cm <sup>3</sup> /m <sup>2</sup> TwinFlo
<b>Pearlescent Coatings coarse: 10-100 μ</b>	16-20 cm <sup>3</sup> /m <sup>2</sup> TwinFlo
<b>Iriodin Coating Medium(10-60 μ)</b>	14- 20 cm <sup>3</sup> /m <sup>2</sup> TwinFlo
<b>Iriodin Coating Coarse (60-100 μ)</b>	20-25 cm <sup>3</sup> /m <sup>2</sup> TwinFlo
<b>Opaque White water-based</b>	10-13 cm <sup>3</sup> /m <sup>2</sup> TwinFlo
<b>Opaque White UV based</b>	9-11 cm <sup>3</sup> /m <sup>2</sup> UniFlo
<b>Opaque white water based: solids</b>	15-18cm <sup>3</sup> /m <sup>2</sup> TwinFlo
<b>Opaque white UV: solids</b>	14-16 cm <sup>3</sup> /m <sup>2</sup> TwinFlo

**TwinFlo™** and **UniFlo™** engravings advantages compared to traditional closed cell structure include:



- Improved ink transfer and ink flow
- More consistent and uniform solids coverage and less pin holing
- Less variation due to high speeds
- More uniform, higher gloss value with less orange peel effect
- Easy cleaning
- Reduced foaming on UV coating applications

Please note the above recommendations are guidelines based on our extensive experience. Please consult us today on how to choose the best Anilox for your spot or full coverage application of golds, metallics, high-gloss UV, and aqueous-based varnishes, primers and tints.