



TECHNICAL C&A INFORMATION

Anilox Recommendations - Sheetfed v1.1

Below are general recommendations for anilox specifications for use with respective Waterbased and UV coating product types. These recommendations were determined to create the most successful results for achieving the desired coating characteristics during press applications, and should be used as a general guideline only. Anilox engraving specifications for cell structure, screen ruling, screen angle, opening/depth and cell-wall ratio will determine transfer characteristics and achievable wet/dry coat-weight. Equipment, material and process variations can cause the actual results to not achieve expected results. For specific coating product information please contact your Coatings and Adhesives Corporation Technical Sales Representative.

Anilox Recommendations - Sheetfed Application

	Waterbased Coating		UV Coating	
	BCM	cm ³ /m ²	BCM	cm ³ /m ²
General-Use Products				
Gloss	9 - 11	13 - 17	11 - 14	17 - 22
Satin	9 - 11	13 - 17	11 - 14	17 - 22
Dull/Matte	9 - 11	13 - 17	11 - 14	17 - 22
Specialty Products				
Sofffeel	10 - 13	15 - 20	12 - 14	18 - 22
Strike-Through	9 - 11	13 - 17	11 - 14	17 - 22
Reticulation	N/A	N/A	11 - 14	17 - 22
Grit Texture #1 35 µm	11 - 14	17 - 22	11 - 14	17 - 22
Grit Texture #2 50 µm	14 - 18	22 - 28	14 - 20	22 - 31
Grit Texture #4 80 µm	N/A	N/A	20 - 40	30 - 62
Effect Pigment 5 - 25 µm	11 - 14	17 - 22	11 - 14	17 - 22
Effect Pigment 10 - 60 µm	11 - 14	17 - 22	11 - 20	17 - 30
Effect Pigment 10 - 125 µm	14 - 18	22 - 28	14 - 40	22 - 62
Effect Pigment 20 - 200 µm	N/A	N/A	>40	>62
Effect Pigment 45 - 500 µm	N/A	N/A	40 - >65	62 - >100
Effect Pigment 100 µm	N/A	N/A	>40	>62
Effect Pigment 200 µm	N/A	N/A	>60	>90
UV Silver Foil	N/A	N/A	11 - 14	17 - 22
Raised UV - Fine Detail	N/A	N/A	25 - 40	38 - 62
Raised UV - Course Detail	N/A	N/A	>40	>62