



## COATING CALCULATION GUIDE

ACRYLIC REFLECTIVE COATING PRODUCTS														
<i>10% loss/waste factor shaded in yellow.</i>														
<i>15% loss/waste factor indicated in red.</i>														
<i>Dark shaded areas indicates that coating should not be applied in a single pass but rather in two or more passes.</i>														
PRODUCT	SOLIDS % BY VOLUME	TO OBTAIN A THEORITICAL DRY FILM MIL THICKNESS OF:												
		8	10	13	16	18	21	25	29	31	35	38	42	45
		GALLONS REQUIRED PER 100 SQUARE FEET:												
<b>IB ACRYLIC PRO COATING</b>	53%	1.00	1.25	1.54	1.77	2.13	2.50	3.00	3.44	3.57	4.13	4.50	5.00	5.32
<i>10% LOSS/WASTE FACTOR</i>	x 1.10	1.10	1.38	1.70	1.95	2.34	2.75	3.30	3.78	3.93	4.55	4.95	5.50	5.85
<i>15% LOSS/WASTE FACTOR</i>	x 1.15	1.15	1.44	1.77	2.04	2.45	2.88	3.45	3.96	4.11	4.75	5.18	5.75	6.12
<b>IB ACRYLIC SW COATING</b>	53%	1.00	1.25	1.54	1.77	2.13	2.50	3.00	3.44	3.57	4.13	4.50	5.00	5.32
<i>10% LOSS/WASTE FACTOR</i>	x 1.10	1.10	1.38	1.70	1.95	2.34	2.75	3.30	3.78	3.93	4.55	4.95	5.50	5.85
<i>15% LOSS/WASTE FACTOR</i>	x 1.15	1.15	1.44	1.77	2.04	2.45	2.88	3.45	3.96	4.11	4.75	5.18	5.75	6.12
<b>IB BLEED BLOCK</b>	53%	1.00	1.25	1.54	1.77	2.13	2.50							
<i>10% LOSS/WASTE FACTOR</i>	x 1.10	1.10	1.38	1.70	1.95	2.34	2.75							
<i>15% LOSS/WASTE FACTOR</i>	x 1.15	1.15	1.44	1.77	2.04	2.45	2.88							
SILICONE REFLECTIVE COATING PRODUCTS														
<i>10% loss/waste factor shaded in yellow.</i>														
<i>15% loss/waste factor indicated in red.</i>														
<i>Dark shaded areas indicates that coating should not be applied in a single pass but rather in two or more passes.</i>														
PRODUCT	SOLIDS % BY VOLUME	TO OBTAIN A THEORHETICAL DRY FILM MIL THICKNESS OF:												
		11	15	19	22	26	27	30	34	38	40	46		
		GALLONS REQUIRED PER 100 SQUARE FEET:												
<b>IB SILICONE COATING</b>	95%	0.75	1.00	1.25	1.50	1.75	1.78	2.00	2.25	2.50	2.69	3.06		
<i>10% LOSS/WASTE FACTOR</i>	x 1.10	0.83	1.10	1.38	1.65	1.93	1.96	2.20	2.48	2.75	2.96	3.37		
<i>15% LOSS/WASTE FACTOR</i>	x 1.15	0.87	1.15	1.44	1.73	2.02	2.05	2.30	2.59	2.88	3.09	3.52		



URETHANE REFLECTIVE COATING PRODUCTS													
<i>10% loss/waste factor shaded in yellow.</i>													
<i>15% loss/waste factor indicated in red.</i>													
<i>Dark shaded areas indicates that coating should not be applied in a single pass but rather in two or more passes.</i>													
PRODUCT	SOLIDS % BY VOLUME	TO OBTAIN A THEORHETICAL DRY FILM MIL THICKNESS OF:											
		12	15	18	22	24	28	31	34	37	40	48	54
<b>GALLONS REQUIRED PER 100 SQUARE FEET:</b>													
<b>IB URETHANE FINISH COAT</b>	75%	1.00	1.25	1.50	1.88	2.00	2.38	2.63	2.88	3.13	3.38	4.00	4.50
<i>10% LOSS/WASTE FACTOR</i>	x 1.10	1.10	1.38	1.65	2.07	2.20	2.62	2.89	3.17	3.44	3.72	4.40	4.95
<i>15% LOSS/WASTE FACTOR</i>	x 1.15	1.15	1.44	1.73	2.16	2.30	2.74	3.03	3.31	3.60	3.89	4.60	5.18
<b>IB URETHANE ALUM FINISH COAT</b>	70%	1.12	1.38	1.63	2.00	2.19	2.50	2.81	3.06	3.31	3.63	4.31	5.37
<i>10% LOSS/WASTE FACTOR</i>	x 1.10	1.23	1.52	1.79	2.20	2.41	2.75	3.09	3.37	3.64	3.99	4.74	5.91
<i>15% LOSS/WASTE FACTOR</i>	x 1.15	1.29	1.59	1.87	2.30	2.52	2.88	3.23	3.52	3.81	4.18	4.96	6.18
<b>IB URETHANE BASE COAT</b>	70%	1.12	1.38	1.63	2.00	2.19	2.50	2.81	3.06	3.31	3.63	4.31	5.37
<i>10% LOSS/WASTE FACTOR</i>	x 1.10	1.23	1.52	1.79	2.20	2.41	2.75	3.09	3.37	3.64	3.99	4.74	5.91
<i>15% LOSS/WASTE FACTOR</i>	x 1.15	1.29	1.59	1.87	2.30	2.52	2.88	3.23	3.52	3.81	4.18	4.96	6.18



MASTIC & CAULK PRODUCTS	SOLIDS % BY VOLUME	FASTENERS	SEAMS @ 2" Horizontal & Vertical	SEAMS @ 3" Flashing
IB ACRYLIC FG – 2 Gallon	70%	1,500 per unit	225-300 In. ft.	150-200 In. ft.
IB ACRYLIC FG – 5 Gallon	70%	3,750 per unit	550-750 In. ft.	375-500 In. ft.
IB SEALER – 10 oz. tube	97%	95 per unit	12-15 In. ft.	9-10 In. ft.
IB SEALER – 2 Gallon	97%	1,500 per unit	225-300 In. ft.	150-200 In. ft.
IB SILICONE FG – 2 Gallon	68%	1,500 per unit	225-300 In. ft.	150-200 In. ft.
IB SEAM SET FG – 2.5 Gallon	80%	1,850 per unit	275-375 In. ft.	195-250 In. ft.
IB SEAM SET FG – 5 Gallon	80%	2,400 per unit	550-750 In. ft.	375-500 In. ft.
PRIMER & CLEANER PRODUCTS	SOLIDS % BY VOLUME	GALLONS REQUIRED PER 100 SQUARE FEET:		
IB UNI PRIME	n/a	Application rate is 0.4 - 0.5 gal/square per pass. 1 to 2 passes as needed.		
IB RUST PRIMER	n/a	Application rate is 0.5 - 0.75 gal/square per pass. 1 to 2 passes as needed.		
IB URETHANE METAL PRIMER	n/a	Application rate is 0.25 - 0.5 gal/square per pass. 1 to 2 passes as needed.		
IB SKYLIGHT GLAZE	n/a	Application rate is 0.5 gal/square per pass. 1 to 4 passes as needed.		
IB ROOF CLEANER WASH CONCENTRATE	9:1 Dilution Ratio	1-gal Concentrate + 9-gal Water = 10 gallons solution. 5-gal Concentrate + 45-gal Water = 50 gallons solution. Apply at approximately 1 gal/400 sq. ft. 50 gallons of mixed solution covers 20,000 sq. ft. (max)		

**Disclaimer:** Volume rates are based on theoretical coverage. Actual coverage may be less due to surface profile, roughness, porosity, losses due to overspray and wind, and residual coating left in the container. Additional material may be required to achieve desired dry film thickness results. All values given are approximate and are subject to change without notice. There is no implied or express warranty given in these values or statements.