

Supplementary Instruction Sheet
WOOD KOTE PRODUCTS INC

Wood Kote Dye Kote to Dye Stain Conversion Formulas

Objective:

The following formulas have been prepared to serve as a guide to achieve an approximate match of Dye Stain colors by intermixing Dye Kote colors.

Materials Required:

- Wood Kote Dye Kote
- Accurate digital or balance scale or
- Graduated glass measuring vessel
- Wood Kote AceThin (acetone)
- Cleanup cloths

Process:

1. IMPORTANT: Formulas provided are by percentage weight and volume. You must calculate the actual amounts to equal the final yield.
2. Carefully dispense calculated Dye Kote amounts in to the scale or vessel.
3. Mix
4. REMEMBER: Dye Kote is concentrated and will yield a more intense color than Dye Stain unless diluted.
5. Dilute mixture 1:1 with AceThin (acetone) or if local VOC regulations allow, you can dilute with Wood Kote LaqThin T-99 or Wood Kote DyeAdd to retard evaporation.
6. Clean measuring tools with AceThin or LaqThin T-99 and soft cloth
7. CAUTION: Dye Kote and AceThin are extremely flammable. Open and hang all clean up cloths to dry before disposal.

Percentage mixture by volume:								
DYE STAIN	Mfr #	DYE KOTE						TOTAL VOLUME
		RED 481	YELLOW 482	BLUE 483	BROWN 484	BLACK 485	ORANGE 486	
LIGHT BROWN MAHOGANY	441	10.13%			44.89%		44.99%	100%
MEDIUM BROWN MAHOGANY	442	16.69%			41.61%		41.70%	100%
CORDOVAN MAHOGANY	443	84.61%		15.39%				100%
CHERRY	444		54.44%		2.16%		43.40%	100%
AMBER FRUITWOOD	445	0.89%			7.03%	4.11%	87.97%	100%
GOLDEN FRUITWOOD	446		28.22%		31.17%		40.61%	100%
JET BLACK	447					100.00%		100%
LIGHT RED MAHOGANY	448	16.76%			18.47%		64.77%	100%
MEDIUM RED MAHOGANY	449	34.14%			48.34%		17.52%	100%
HICKORY	450		23.50%		59.45%	17.05%		100%
AMERICAN WALNUT	452				96.14%	3.86%		100%
MEDIUM BROWN WALNUT	453				35.66%		64.34%	100%
NUTMEG BROWN	454				61.06%		38.94%	100%
VAN DYKE BROWN	455		13.43%		66.55%	13.35%	6.67%	100%
SEA BLUE	456		9.64%	90.36%				100%
BROWN MAPLE	457		20.42%		72.71%		6.87%	100%
YELLOW MAPLE	458		54.15%		0.90%		44.96%	100%
MEDIUM WHEAT	459		82.09%		4.48%		13.43%	100%
DARK GREEN	460		11.39%	68.15%		20.45%		100%
BLOOD RED	461	36.15%			63.85%			100%
BRIGHT RED	462	13.98%					86.02%	100%
LEMON YELLOW	463		97.31%				2.69%	100%
LIGHT ORANGE YELLOW	464		54.44%		2.16%		43.40%	100%

See other table on back

Percentage mixture by weight:								
DYE KOTE								
	Mfr #	RED 481	YELLOW 482	BLUE 483	BROWN 484	BLACK 485	ORANGE 486	TOTAL WEIGHT
DYE STAIN								
LIGHT BROWN MAHOGANY	441	10.11%			44.94%		44.94%	100%
MEDIUM BROWN MAHOGANY	442	16.67%			41.67%		41.67%	100%
CORDOVAN MAHOGANY	443	84.62%		15.38%				100%
CHERRY	444		54.35%		2.17%		43.48%	100%
AMBER FRUITWOOD	445	0.87%			6.99%	4.80%	87.34%	100%
GOLDEN FRUITWOOD	446		28.13%		31.25%		40.63%	100%
JET BLACK	447					100.00%		100%
LIGHT RED MAHOGANY	448	18.18%			18.18%		63.64%	100%
MEDIUM RED MAHOGANY	449	34.10%			48.40%		17.51%	100%
HICKORY	450		23.41%		59.57%	17.03%		100%
AMERICAN WALNUT	452				96.15%	3.85%		100%
MEDIUM BROWN WALNUT	453				35.71%		64.29%	100%
NUTMEG BROWN	454				61.11%		38.89%	100%
VAN DYKE BROWN	455		13.33%		66.67%	13.33%	6.67%	100%
SEA BLUE	456	9.64%		90.36%				100%
BROWN MAPLE	457		16.13%		77.42%		6.45%	100%
YELLOW MAPLE	458		54.05%		0.90%		45.05%	100%
MEDIUM WHEAT	459		78.76%		5.87%		15.37%	100%
DARK GREEN	460		11.36%	68.18%		20.45%		100%
BLOOD RED	461	36.09%			63.91%			100%
BRIGHT RED	462	14.33%					85.67%	100%
LEMON YELLOW	463		96.77%				3.23%	100%
LIGHT ORANGE YELLOW	464		54.35%		2.17%		43.48%	100%

Visit our web site at <http://www.woodkote.com> for additional product and application information.