

HIGH-TECH PRODUCT PERFORMANCE GUIDE

As finishing technology continues to advance, quality demands in coated abrasives are higher than ever before, especially in the fine sanding area. Besides the longevity and cutting speed in sanding products, a uniform finish with shallow scratches is essential for today's New Generation painting technology.

In order to keep up with the changes, a series of new products ranging from scuffing to fine polishing sanding has been introduced in the last few years by *Kovax*, the leader in fine finishing coated abrasives. These products utilize the latest technology in both the material and the bonding process and have successfully achieved quality standards that will meet or exceed today's professional requirements.

Since the relationship between cutting speed and the final finish of these new products are dramatically different from traditional sandpaper, the following table will serve as a starting point for understanding or making a selection from these products.

(Note: Cutting speed and Final finish vary depending on the method of sanding and the condition of the sanding surface.)

	Super Assilex						Tolex	Tolecut System					Buflex System					
	Brown	Ocean	Sky	Lemon	Lime	Orange	Peach	Pink	Yellow	Orange	Pink	Green	Blue	Black	Green	Blue	Black	
	K-240	K-360	K-600	K-800	K-1000	K-1200	K-1500	K-1500	K-800	K-1200	K-1500	K-2000	K-2500	K-3000	K-2000	K-2500	K-3000	
Sanding Speed Equivalence	±P150	±P240	±P320	±P600	±P800	±P1000	±P1200	±P1200	±P500	±P800	±P1000	±P1200	±P1500	±P2000	±P1200	±P1500	±P2000	
	<i>Time required to completely cover and sand within a given area is equivalent to the speed of above grit number in traditional abrasive paper. (Because "depth of sanding scratches" differ from product to product, the above guide is not necessarily equivalent to speed of material removal in volume).</i>																	
Finish Equivalence	Manual	>P240	>P360	>P600	>P800	>P1000	>P1200	>P1500	>P1500	>P800	>P1200	>P1500	>P2000	>P2500	>P3000	>P2000	>P2500	>P3000
	Machine	>P280	>P400	>P800	>P1000	>P1200	>P1500	>P2000	>P2000	>P1000	>P1500	>P2000	>P2500	>P3000	>P3500	>P2500	>P3000	>P4000
<i>The effort required to polish the finish of referenced products is equivalent to a finish left behind by the above grit numbers.</i>																		

RECOMMENDED INTERFACE PADS

The following table will give some general suggestions for which interface pad to use with what product and for what purposes. When used between **SUPER-TACK** back-up pads and abrasive discs, these soft foam interface pads will increase flexibility and provide extra cushioning, thus minimizing deep scratches and improving finish. Interface Cushion Pads are available in different sizes of 3", 5", 6" and also 6" vacuum assist pads. Recommended for use with grits P600 and finer.



Product	Part Number Prefix	Type	Size	Suggested Interface Pad		
				Faster Cut	Normal Use	Better Finish
Yellow-Film	730-	No Hole	3"		971-7502	
	554-		5"		04530	971-7051
	778-	7 Holes	6"		971-0042	971-7052
	779-			971-0049	971-0039	971-7054
	524-			971-0057	971-0091, 04651	
Super Buflex	730-1513, 14, 15	No Hole	3"	971-7503	971-0068	
	193-1534, 35	7 Holes	6"	971-0039	971-0063	
	193-1562, 64, 65	15 Holes		971-0091	971-0065	
	191-1531, 32, 34	Half Sheet	85 x 130mm	971-0025, 35	971-0061	
				Hand Sanding	Used with Tools or Hand Blocks	
Super Assilex	730-2507, 08, 10	No Hole	3"		971-7503	
	193-1538, 39, 40, 45, 2545, 2547, 2557	7 Holes	6"		971-0039 (Soft), 971-0049 (Hard)	
	193-1575, 78, 79, 80, 2525, 2527, 2537	15 Holes			971-0091 (Soft), 971-0057 (Hard)	
	191-1508, 09, 10, 15, 2505, 2507, 2517	Full Sheet	170 x 130mm	971-0026	971-00268 w/ IPC Band	
	191-1508, 09, 10, 2505, 2507	Half Sheet	85 x 130mm	971-0025	971-0035	
	191-1515, 2517		85 x 130mm	971-0094	971-0035, 971-00948	
Tolex	730-1502	No Hole	3"		971-7503	
	193-1503		6"		971-0042	
	191-1533	Full Sheet	170 x 130mm	971-0026	971-00268 w/ IPC Band	
		Half Sheet	85 x 130mm	971-0025	971-0035	