



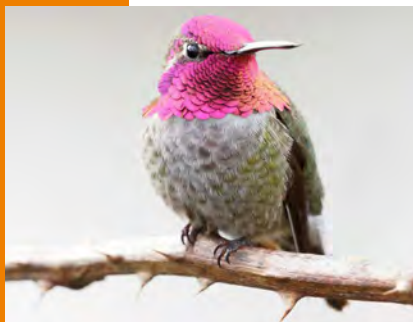
Resists & Coatings

Product Selection for Decorative Glass:
Architectural, Auto and Rail



Photo: © AGC Interpane

*Temporary protection for industrial
and creative applications*



Transfer Method



Screen Printing



Inkjet



Spraying



Pad Printing



Liquid Coating

KIWOMASK® Z 865/2 VP / Z 865/3 VP



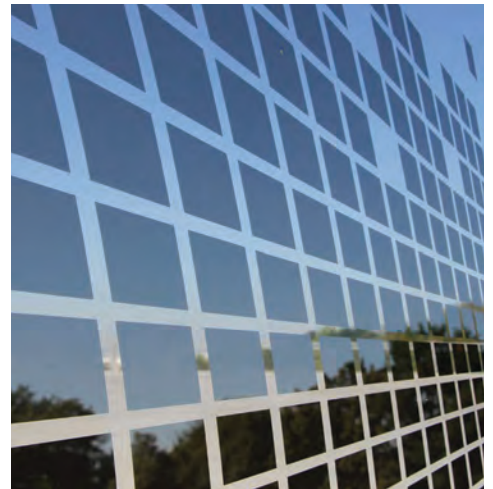
KIWOMASK Z 865/3 VP is both a screen and pad printable etch and galvano resist for glass and metal surfaces. This product series has very good resistance to acidic and alkaline solutions in etching and galvano baths, as well as to solutions containing hydrogen fluoride (HF). The resists are ready to use, but may be thinned or retarded with KIWOSOLV L 14. KIWOMASK® Z 865/2 VP is the faster drying version of KIWOMASK Z 865/3 VP.



KIWOMASK® W 850 Etch



Thermally curable sputter resist for glass surfaces. KIWOMASK® W 850 Etch is suitable for physical, vacuum-based coating processes (PVD, magnetron sputter coating) and comes with a good resistance to aqueous cleaning processes. Stripping can be done with soda, soda or potash lye (3–5 %), with mild organic solvents (e.g. KIWOCLEAN® LM 606) or the ready-to-use solution PREGASOL® R 800.



KIWOMASK® IJ 510



Resist for decorative sputter coating of architectural glass. KIWOMASK® IJ 510 is applied to the surface to be coated using a flatbed digital printer for solvent inks. The resist masks the areas that are not sputtered. After the coating process, the resist can easily be removed in a manual or mechanical cleaning process with KIWOCLEAN® LM 606.



KIWOMASK® UV 160/2



UV-curing sandblasting resist for metal, natural stone, ceramics and glass surfaces. Besides good sandblasting resistance, KIWOMASK® UV 160/2 is also resistant to water and organic solvents. Can be easily removed as a film. The transparent blue coloring (greenish/yellow after UV cross-linking) offers a good contrast to control print quality, however, at the same time enables the recognition of overprinted designs.



KIWOMASK® W 128



“Liquid” protective film which can either be applied over a large area or partially coated onto the surface to be protected. KIWOMASK® W 128 is colorless, water-based and can be diluted with deionized or distilled water to adjust viscosity. After drying, it is water resistant and very resistant to mechanical stress. For instance, applied as a temporary protection onto scratch-sensitive surfaces (such as glass, metal and various plastics) prior to further processing steps. It can be dyed black colour by adding MECOCOLOR® AF Black and be easily removed as a film again.



Resists & Coatings At a Glance

Product		KIWOMASK® LJ 510	KIWOMASK® UV 160 / 2	KIWOMASK® W 128	KIWOMASK® W 850 Etch	KIWOMASK® Z 865/3 VP
Application	Color	blue	blue	translucent	red	black
	Bird Friendly Glass Mfg AID	●	●	●	●	●
	Magnetron Sputter Coating	●			●	
	Selective Etching (Hydrofluoric Acid)	●				●
	Selective Sandblast Resist		●	●		
	Protective Mask		●	●		
Thinner	Thinning				L 86	KS L14
Drying	Drying at Room Temperature			●		
	Thermic Curing	●		●	●	●
	UV Curing		●			
Stripper	Organic Solvents	●			●	●
	KIWO CLEANLINE® or (KIWOSOLV®)	LM 606			LM606	LM653
	PREGASOL® R 800				●	
	Developer 880				●	
	3-5% Caustic Soda or Caustic Potash				●	
	Water (Room Temperature)					
	Water (60 ° – 80 °C)					
	Peelable		●	●		

*Use KIWOCOL® POLYPLUS HWR for printing ceramic frit

Interested?

To find out more about KIWO and our range of products, please visit our website www.kiwo.com or contact us by phone. You can reach customer service by dialing +1 281-474-9777. Our operators will connect you directly to our expert advisors.

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