

Frame Adhesives & Hardeners

Product Name	Color	Components	Component Part	Pot Life ¹	Dry Time ² - Before cut out	Cure Time - Solvent Resistance	Mix Ratio of Hardener (KIWODUR)	HMIS	Description, Remarks
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KIWOBOND® 1100 POWERGRIP	Colorless	2	A	~60 min.	~5-10 min.	Relative ³ : 3-4 hrs. Optimum ⁴ : 24 hrs.	By weight: 20% By volume: 10%	1,4,0	Newest frame adhesive with enhanced chemical resistance and bonding strength.
KIWODUR® 1100 POWERGRIP	Red, Transparent		B						2,4,0
KIWOBOND® 1000 HMT	Red, Transparent	2	A	~60 min.	~5-10 min.	Relative ³ : 3-4 hrs. Optimum ⁴ : 24 hrs.	By weight: 20% By volume: 10%	1,4,0	Top selling screen frame adhesive. HMT stands for high mesh tension reflecting its ability to bond high tension screens.
KIWODUR® 1000 HMT	Colorless		B						2,2,0

Frame Adhesive Protective Lacquer

ESTELAN® 700 BLUE	Blue	2	A	~12 hrs.	~1-2 hrs.	48 hrs. @ 70°F 8 hrs. @ 130°F 2 hrs. @ 175°F	By weight: 25%	2,2,0	Lacquer overcoat protects frame adhesive from aggressive solvents and chemicals. Ideal for use with automatic screen washing equipment.
KIWODUR® RD	Colorless		B						2,2,0

Frame Adhesive Remover

PREGAN® DL/1	Colorless	1	n/a	n/a	n/a	Reaction time: 30 min. to 3 hrs.	n/a	2,1,1	Water emulsifiable solvent paste used to remove adhesive and lacquer residue from screen frames.
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KEY:

¹Pot life in open cup. Use of closed cup e.g. plastic squeeze bottle will extend pot life several hours.

²Dry time is dependent on application thickness and room temperature.

³Relative cure time is when good solvent resistance is achieved, which is the time required before using ESTELAN® lacquer overcoat.

⁴Optimum cure time is when nearly maximum chemical resistance is achieved.

Technical Tips:

Frame adhesive troubleshooting tips available at www.kiwo.com. See link under "Articles etc."

