

FOTECHEM HARDENER / CATALYZER

Check-Chart for chemical hardening of FOTECOAT screen emulsions and FOTECAP films

Hardening improves the water resistance of the emulsion.

The hardened stencils withstand longer print runs. Water resistant emulsions can no longer be decoated. Solvent resistant emulsions become very difficult to decoat.

FOTECOAT FOTECAP	FOTECHEM 2100 1 hour 60°C or 24 hours at room temperature			FOTECHEM 2110/2111** at room temperature, needs to be blotted or blown out			FOTECHEM 2113 immediate reaction ready-to-use		
	most suitable	suitable	not suitable	most suitable	suitable	not suitable	most suitable	suitable	not suitable
1010			X*			X*			X*
1019			X*			X*			X*
1020 / 1021			X*			X*			X*
1065	X			X			X		
1068	X			X			X		
1069/HV/FAST		X			X			X	
1072		X			X			X	
1075 / 1076			X		X				X
1569			X			X			X
1570			X			X			X
1636 / 1669	X			X			X		
1711		X		X			X		
1771		X		X			X		
1772 SD		X		X				X	
1811 SOLO		X			X			X	
1834 SOLO	X			X			X		
1835 SOLO		X			X		X		
1836 / 1838		X			X		X		
1840 SOLO			X			X			X
1845 SOLO			X			X			X
1846 / 1847			X			X			X
1850 SOLO			X			X			X
1855 UV		X			X			X	
1860 SOLO			X			X			X
1884 WR	X			X			X		
1884 SR		X			X			X	
1915 WR	X			X			X		
1920 K	X			X			X		
1930 K	X			X			X		
1970			X*			X*			X
1975			X*			X*			X
TOPAZ		X		X				X	
SAPHIR		X		X				X	
ZIRCON			X		X			X	

* stencil becomes brittle unless water based inks are used.

** 2111 is concentrated and can be diluted with water up to 1:1, but can also be used concentrated for still better hardening.

Edition: