

## SHER-WOOD® CATALYZED CLEAR TOPCOAT COMPARISON CHART

PRODUCT LINE	CATALYZED LACQUER	CATALYZED (PRECAT) LACQUER	HI-BILD PRECAT LACQUER	F3 HI-BILD PRECAT LACQUER	ACRYLIC CONVERSION COATING	POLYURETHANE
System Type	Solvent	Solvent	Solvent	Solvent	Solvent	Solvent
OVERALL RATING	Good	Better	Better	Better	Better	Best
Typical Rex	T77F32	T77F37	T77F57	T85F357	T77F62	T73V120
Resin Type	NC-Alkyd Amino	NC-Alkyd Amino	NC-Alkyd Amino	NC-Alkyd Amino	CAB Acrylic	Polyurethane
Catalyzation	3% V66V26	1.2% V66V22	3 oz/gal. V66V3	1.5% V66V26	4 oz/gal V66V26	9:1 V66V90
Pot Life (Maximum)	30 Days	6 Months	4 Months	4 Months	6 Months	5 Hours
VOC lbs/gal	5.56	5.4	5.12	5.13	5.56	5.5
HAPS (Packaged) (3)	Complying	Complying	0.0	0.0	0.0	.05 lbs/lb solids
Emitted VOC lbs. (Packaged)	5.03	5.02	4.74	4.70	5.31	5.5
Volume Solids %	21	20.5	25	23%	18	25
Reduction %	None	None	None	None	None	Up to 20%
Solvent	None	None	None	None	None	R6K18
Other Compatible Solvents	R7K320 Lacquer Thinner, Ketones, Acetates	R7K320 Lacquer Thinner, Ketones, Acetates	R7K320, Butyl Acetate	Butyl Acetate, MAK	Acetone, Butyl Acetate, R7K22	MAK, EEP
Flash Point	37°F	4°F	4°F	29°F	4°F	24°F
Drying Time (minutes):						
Touch	10	5-10	10-15	10-15	20	45-50
Handle	15-20	15-20	15-20	15-20	30	60-70
Sand	30-60	20-40	30-45	30-45	30-40	60-70
Recoat	30-60	20-40	30-45	30-45	30-40	60-70
Force Dry	10-20 @ 110-140°F	5-10 @ 110-140°F	5-10 @ 110-140°F	5-10 @ 120°F	10-15 @ 110-140°F	30-90 @ 140-225°F
Application Methods	Conventional, AAA, HVLP, Airless	Conventional, AAA, HVLP, Airless	Conventional, AAA, HVLP, Airless	Conventional, AAA, HVLP, LVMP, Airless	Conventional, AAA, HVLP, Airless	Conventional, AAA, HVLP, Electrostatic
Recommended Sealers (1)	B	A, B	A, B	A	A, B	D
KCMA	Yes w/Sealer B	Yes	Yes	Yes	Yes	Yes
Yellowing Resistance	Fair	Fair	Very Good	Very Good	Excellent	Good
DATA SHEET (2)	CC-F21	CC-F43	CC-F57	CC-F78	CC-F52	CC-F71

1) A = Self Seal; B = Vinyl Sealer T67F3/P63W2/T67F5/T67F6 (See data page for specifics); C = T67F7; D = Polyurethane Sealer T63F10; E= F3 Kemvar Sealer T85F300

(2) Refer to Data Sheet and MSDS for specific data and product limitations.

(3) Non-complying or complying as packaged. Reducers may make it non-complying.

## SHER-WOOD® CATALYZED CLEAR TOPCOATS

PRODUCT LINE	SUPER KEMVAR "C"	SUPER KEMVAR "M"	KEM VAR CONVERSION VARNISH	WATER WHITE CONVERSION VARNISH	KEM VAR LF WATER WHITE CONVERSION VARNISH	F3 KEMVAR VARNISH
System Type	Solvent	Solvent	Solvent	Solvent	Solvent	Solvent
OVERALL RATING	Better	Better	Better	Best	Best	Best
Typical Rex	T77F4	T77F47	V84F62	V84F82	V84F97	V85F302
Resin Type	Vinyl Alkyd Amino	Vinyl Alkyd Amino	Alkyd Amino	Alkyd Amino	Modified Alkyd Amino	Alkyd Amino
Catalyzation	5% V66V26	5% V66V26	3% V66V21	3% V66V21	4oz/gal V66V21	2% V66V70
Pot Life (Maximum)	3 Days	5 Days	24 Hours	24 Hours	24 Hours	24 Hours
VOC Lbs (Packaged) (Theoretical)	5.66	5.42	4.2	4.4	4.94	5
HAPS (Packaged) (3)	Non-Complying	Non-Complying	Complying	Non-Complying	Complying	Complying
Emitted VOC lbs. (Packaged)	5.66	5.42	4.2	4.4	4.65	5
Volume Solids %	14.8	19.5	40	36	29	30
Reduction %	None	None	20-30	0-25	5-20%	3-5%
Solvent	None	None	Butyl Acetate	Butyl Acetate	Butyl Acetate	Butyl Acetate
Other Compatible Solvents	Ketone, Lacquer Thinner, Hi-Flash Naphtha 100, Toluol	Lacquer Thinner, Ketones	MAK, Toluol, Hi-Flash Naphtha 100, Xylol	MAK, Toluol, Hi-Flash Naphtha 100, Xylol	Acetone, Lacquer Thinner R7K305, MAK, EEP	MAK, Butyl Cellosolve
Flash Point	25°F	22°F	51°F	40°F	4°F	61°F
Drying Time (minutes):						
Touch	10	15-20	10-15	10-15	10-15	15-20
Handle	20	20-30	15-30	15-30	20-30	30-45
Sand	20	45	30-60	30-60	20-45	30-45
Recoat	30	45	30-60	30-60	30-45	30-45
Force Dry	10-15 @ 125-140°F	10-20 @ 110-140°F	5-20 @ 110-160°F	5-20 @ 110-160°F	15 @ 125°F	10 @ 120-140°F
Application Methods	Conventional, AAA, HVLP, Airless	Conventional, AAA, HVLP, Airless	Conventional, AAA, HVLP, Airless, Electrostatic	Conventional, AAA, HVLP, Airless, Electrostatic	Conventional, AAA, HVLP, Airless	Conventional, AAA, Airless, HVLP
Recommended Sealers (1)	A	A,B,C	A, B, C	A, B, C	A,B,C	A,E
KCMA	Yes	Yes w /Sealer A,B	Yes	Yes	Yes	Yes
Yellowing Resistance	Good	Good	Good	Excellent	Excellent	Good
DATA SHEET (2)	CC-F8	CC-F22	CC-F17A	CC-F24	CC-F56	CC-F73

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