

CONAP CONFORMAL COATINGS

All coatings are MIL-I-46058-C and IPC-830 Rev B. Approved

Property Comparison Chart

	CONATHANE CE-1164	CONAP CE-1170 ^{9A}	CONAP CE-1171 ^{9A}	CONATHANE CE-1175 ^{9A}	CONATHANE CE-1155 ^{9A}	CONATHANE CE-1155-35
HANDLING PROPERTIES						
UL Recognition		UL 94 V-0	UL 94 V-0	UL 94 V-0	UL 94 V-0	
Type	Polyurethane	Acrylic	Acrylic	Polyurethane	Polyurethane	Polyurethane
Viscosity @ 25° C, cps	100	400	900	<500	72*	25-35
Flashpoint, °F, (TCC)	55	55	65	>200	81A / 45B	90A / 55B
% Solids Content	50	31	30	32	50A / 65B	37A / 30B
Pot Life @ 25° C	Indefinite	Indefinite	Indefinite	Indefinite	6 hrs.	8-10 hrs.
Shelf Life @ 25° C <small>(From date of Mfg. when stored in the original unopened containers @ 65°-85°F)</small>	15 mos.	15 mos.	15 mos.	15 mos.	12 mos.	15 mos.
Tack Free Time @ 25°C	20-30 min.	10-15 min.	20 min.	1hr.	4-5 hrs.	2-3 hrs.
Mix Ratio, A/B	NA (one component)	NA (one component)	NA (one component)	NA (one component)	100A / 70B by weight	100A / 100B by volume
Recommended Cure Schedule @ 25°C / 60°C	7 days / 3 hrs. + 2-3 days at RT	24 hrs./45 min.	24 hrs./1hr.	3 hrs. @ 60°C + 3-5 days @ 25°C / 4 hrs @ 85°C + 1-2 days @ 25°C	7 days/3 hrs.	5-7 days/3 hrs.
Cure Mechanism	Moisture Cure	Solvent Evap.	Solvent Evap.	Water Evap.	Chemical Cure <small>* Initial viscosity</small>	Chemical Cure