

The Conklin Family of Cool Roofing Systems

	One-Coat	Two-Coat Liquid Applied					Membrane	
CONKLIN ROOFING SYSTEMS COMPARISON	PUMA	PUMA XL	Benchmark	Equinox	Rapid Roof III	Rapid Roof HV	Flexion	Hy-Crown
primary features, benefits	one-coat, durability	strength, flexibility, durability	strength, durability	cool temp application	flexible, durable	most economical	flexible, durable, cool temp application	strength, durable, cool temp application
RECOMMENDED APPLICATIONS								
new roofs	yes, over foam	yes	yes	yes	yes	yes	yes	yes
ROOF RESTORATION								
recoating Conklin roof coatings	yes	yes	yes	yes	yes	yes	n/a	n/a
over Approved Single Ply Substrates	not rated	no	no	yes	yes with TC	no	w/DM	w/DM
over metal	not recommended	yes	yes	yes	yes	yes	w/app'd BD	w/app'd BD
over shingles, rolled asphaltic roofing	not rated	not rated	not rated	over shingles w/PT	over shingles w/PT	not rated	w/DM	w/DM
PRODUCT CHARACTERISTICS								
application temperature	above 40° F	above 40° F	above 40° F	above 35° F	above 40° F	above 40° F	above 20° F	above 20° F
early water resistance	best	best	better	best	good	good	best	best
drying time (to skin)	2–6 hours	2–6 hours	2–8 hours	1–3 hours	2–8 hours	2–8 hours	n/a	n/a
tensile strength	495 psi	550 psi	410 psi	230 psi	232 psi	not rated	n/a	n/a
erosion resistance	best	best	better	good	good	good	better	best
fire rating (UL 790)	Class A	Class A	Class A	Class A	Class A	no fire rating	Class A	Class A
SELLING POINTS FOR CUSTOMERS								
reflectivity (for energy savings)	85%	85%	85%	85%	85%	82%	84%	83%
environmentally-friendly VOC emissions	low – 43 g/L	low – 44 g/L	<50 g/L	<50 g/L	<50 g/L	<50 g/L	AD	AD
years of warranty available	15 yr over foam	18 years	12 yr over foam	10 years	10 years	not rated	Up to 20 years	Up to 20 years
resistance to dirt pickup, mildew	best	best	better	good	good	not rated	best	best

Note: The chart above compares the most important characteristics of each roofing system and will assist you to identify which Conklin Roofing Systems to recommend for your various roofing projects. A key to the abbreviations used follows.

KEY: app'd BD = Approved boardstock; DM = divorce membrane; PT= PrimeTime primer coat; TC = Tack Coat; AD = adhesive dependent