



MEMBRANE + INSTALLATION						1-877-4TriVAN	
	Duro-Last	Manufacturer A	Manufacturer B	Manufacturer C	Manufacturer D	Duro-Last Advantages	
Membrane Type	PVC	TPO	EPDM	Modified Bitumen	B.U.R.	Proven membrane since 1978. Same technology and formula since 1980.	
Same material top to bottom	YES	NO	YES	YES	YES	More mil thickness on top side of product; UV layer.	
Rip-Resistant Cross Pattern Reinforcement	YES	NO	YES	NO	NO	18x14 Poly Reinforcement. Superior Strength. Lower Maintenance.	
Custom Prefabrication Deck Sheets	YES	NO	NO	NO	NO	Factory produced with same consistent weld in controlled environment. Less Maintenance.	
Sheet Construction	Factory prefabricated into panels up to 2,500 sqft	Rolled goods only 500 sqft coverage per roll.	Rolled goods only 1,000 sqft coverage per roll.	Rolled goods only 100 sqft coverage per roll.	100% field manufactured.	One monolithic sheet when completed. Reduced rooftop labor.	
All Flashing Material Reinforced	YES	NO	NO	NO	NO	Factory produced with same consistent weld; like products performing together.	
Flashing Method	All heat-welded	Glue & heat-welded	Glue	Hot Mopped	Hot Mopped	Proven field-tested method.	
Curbs & Stacks Custom Prefabricated	YES	NO	NO	NO	NO	Same materials welded to field sheets; like products performing together.	
Scuppers and Parapets Custom Prefabricated	YES	NO	NO	NO	NO	Factory produced with same consistent weld. Eliminates the most leak-prone and high-maintenance area on roof.	
Seam Method	All hot-air welded or dielectrically welded. PVC has a wide welding window providing a consistent high-quality weld.	Inconsistent welding window; glue and hot weld.	Glue	Mopped	Mopped	Most effective heat welding process used. Membrane to membrane bonding. No glues to break down over time. No long term maintenance.	
Seam Strength Equal to Membrane Strength	YES	Inferior when glued	Inferior	Inferior	Inferior	Maximum Strength	
Expansion/Contraction	Beyond building requirements	Beyond building requirements	Beyond building requirements	Moves counter to building movement	Rigid	Moves with buildings expansion and contraction. No long term maintenance at changes of plane.	
Installer Base	Authorized by Duro-Last. Extensive nationwide presence; rural to large urban markets. Pre-Qualified.	Through marketing rep and distributor	Through marketing rep and distributor	Through marketing rep and distributor	Through marketing rep and distributor	Screened before approved. Trainers and training classes at Plant. Direct relationship with roofer controls quality.	
Installation Disruption	Business as usual; minor installation noise.	Business as usual; minor installation noise.	Minor noise; possible fumes.	Major disruption; fumes, tankers	Major disruption; fumes, tankers	No fumes, harsh chemicals, tar, tankers, or quarantined areas.	
Energy Efficient (Title 24 in CA)	YES	YES	Yes, with coating and maintenance	Yes, with coating and maintenance	Yes, with coating and maintenance	High reflectivity and remittance. Solar ready. Meets all required energy standards.	
Every Seam on Roof Inspected by Manufacturer	YES	NO	NO	NO	NO	Tech reps inspect every commercial installation. No maintenance required for warranty. Common sense maintenance encouraged.	
Maintenance Requirements	Minimal maintenance required	Maintenance required for warranty	Maintenance required for warranty	Intensive maintenance	Intensive maintenance	No additional products needed to maintain performance or warranty	
Recycle Program in Place	Yes. Used in other commercial products manufactured.	No viable products manufactured from waste.	No viable products manufactured from waste.	No viable products manufactured from waste.	No viable products manufactured from waste.	100% post manufacturing recycling. Post consumer "Recycle your Roof" Program in place. Unique in roofing industry.	

WARRANTY						1-877-4TriVAN	
	Duro-Last	Manufacturer A	Manufacturer B	Manufacturer C	Manufacturer D	Duro-Last Advantages	
Membrane Type	PVC	TPO	EPDM	Modified Bitumen	B.U.R.	Proven membrane since 1978. Same technology and formula since 1980.	
Coverage for Ponding Water	YES	No. Typically voids warranty.	No. Typically voids warranty.	No. Typically voids warranty.	No. Typically voids warranty.	Positive drainage encouraged. Membrane designed for "real world" of low-sloped roofing	
Coverage for Consequential Damages	YES	NO	NO	NO	NO	Proven performance allows Duro-Last to offer this protection.	
Warranty Coverage	Repair or replacement.	Repair only.	Repair only.	Repair only.	Repair only.	Duro-Last only repair or replacement warranty.	
Warranty Provided at No Extra Cost	YES	NO	NO	NO	NO	No fee. The warranty stays with the building for the life of the warranty.	
Reflectivity Coverage	YES	NO	NO	NO	NO	Duro-Last SRI + Recycling + NSF Platinum status, low scrap rate demonstrates beyond energy Efficiency.	
Hail Coverage	Up to 1" Hail	Up to 2" Hail	NO	NO	NO	Larger hail warranty is available.	
Wind Coverage	Standard 72-120 mph	Standard 55-72 mph	NO	NO	NO	Duro-Last engineers each roof system to FM I60.	
Full Tear off Required for 15-Year Warranty	NO	Varies	Varies	NO	NO	Full tear off may not be required, depending on integrity of existing roof. Not required for Duro-Last warranty acceptance.	
Life-Cycle Cost Analysis: 10,000 Sqft Roof over 20 Yrs.							
Initial Roof Product Cost	\$31,105.00	\$33,816.00	\$32,917.00	\$43,716.00	\$46,300.00		
Installation (Labor & Overhead)	\$9,590.00	\$15,654.00	\$17,442.00	\$22,553.00	\$7,200.00		
Tear-Off and Disposal	\$0.00	\$12,500.00	\$12,500.00	\$12,500.00	\$12,500.00	Normally required for other systems.	
Regular Maintenance (Over 20 Years)	\$5,000.00	\$10,000.00	\$20,000.00	\$35,000.00	\$40,000.00	"Common sense" maintenance	
15-Year Warranty	\$0.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	Standard Duro-Last Commercial Warranty is provided at no cost to the building owner and is transferable.	
20-Year Measurable Cost Total:	\$45,695.00	\$72,970.00	\$83,859.00	\$114,769.00	\$107,000.00	\$4.50/sqft with 15yr warranty	
Additional pro-rated roof replacement cost if replacement is required in less than 20 years. Calculated by dividing the total measurable cost (above) by 20, then multiply by the number of years less 20. The calculation here assumes replacement after 15 years.	\$45,695/20 = \$2,284.75 per year; x 5 years = \$11,423.75	\$72,970/20 = \$3,648.50 per year; x 5 years = \$18,242.50	\$83,859/20 = \$4,192.95 per year; x 5 years = \$20,964.75	\$114,769/20 = \$5,738.45 per year; x 5 years = \$28,892.25	\$107,000/20 = \$5,350 per year; x 5 years = \$26,750		
Intangible Costs / Benefits							
Building Disruption Costs	Very Low	Medium	Higher	Highest	Highest	Business as usual. No quarantined areas or debris to affect normal building operations.	
Roof Repairs (Over 20 Years)	Low	Medium	High	Highest	Highest	Duro-Last PVC membrane means lifetime weldability for repairs or other rooftop alterations.	
Interior Damage Repair Cost	Zero	More than zero	More than zero	More than zero	More than zero	Duro-Last warranty covers consequential damages.	
Potential for Energy and Cost Savings	High	High	Low	Low	Low	Very high membrane reflectivity. R-Value Investments (e.g., insulation) in other systems mitigate heat impact, but do not eliminate it.	
Energy Rebates / Incentives	Regional	Regional	Regional	Regional	Regional	Typically based on the energy savings delivered by white reflectivity roofs.	