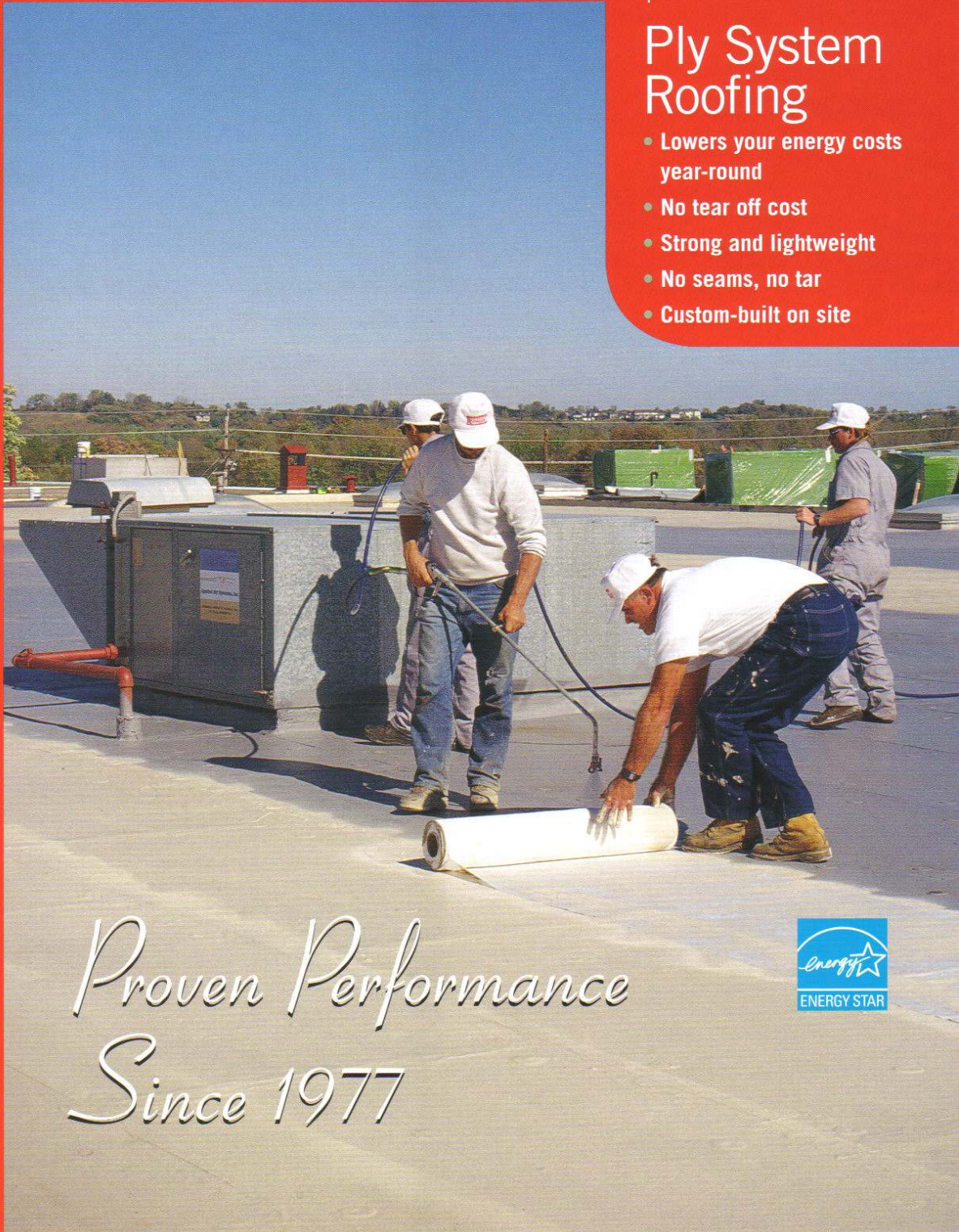


Roofing Systems

CONKLIN[®]

Ply System Roofing

- Lowers your energy costs year-round
- No tear off cost
- Strong and lightweight
- No seams, no tar
- Custom-built on site



*Proven Performance
Since 1977*





Proven performance: August 1983 Ply System application

Investment protection

Leaky roof! Two of the most troubling words in any building owner's vocabulary. Five of the best words? Conklin Fabric-reinforced Ply Systems. Cover your roof with a seamless coat of protection and eliminate the leaking.

Drive down your energy costs

The formula: Saving money on air conditioning + Lowering heating bills = Return on Investment. The Conklin highly reflective roofing systems, with added insulation, can pay for itself through reduced energy consumption, in as little as four to seven years. Our roofing systems have earned the Environmental Protection Agency's ENERGY STAR designation for keeping structures cool.

A durable, breathable system

Conklin's ENERGY STAR rated roofing systems help the roof surface stay cooler by reflecting the sun's ultraviolet rays, rather than absorbing them in the form of heat. A cooler roof makes it easier to maintain a cooler workspace and reduces the extreme movement that can lead to the premature demise of your investment. Conklin acrylic elastomeric roof coatings also offer the benefit of breathability. Think of a Conklin fabric-reinforced system as a high-performance raincoat for your building. Strong and flexible enough to keep out the elements, yet smart enough to prevent small amounts of interior water vapor from becoming trapped in the roof's insulation, thus destroying its thermal efficiency. Any way you look at it, Conklin Ply Systems offer durability and flexibility for the long haul.

Choice to meet your needs

You choose the elastomeric, VOC compliant roof coating which best meets your needs. Each fabric-reinforced system is sustainable, upgradable and recoatable without any environmental concerns.

Benchmark®

Resistant to acid rain, air pollutants and ultraviolet degradation. Conklin's premier roof coating provides the ultimate combination of flexibility and strength for your toughest projects. This 100 percent acrylic coating is recognized by most major code organizations, including Underwriters' Laboratories (UL), Factory Mutual, Miami-Dade and the International Code Conference. Extremely resistant to acid rain, airborne pollutants and ultraviolet degradation, Benchmark also features an ENERGY STAR rating and an 85 percent solar reflective value for maximum energy efficiency.

Rapid Roof® III

Cures to tack-free, dirt resistant finish. The workhorse of the Conklin roof coatings line, Rapid Roof has proven itself with a track record of trouble-free service since 1977. This lightweight, flexible, seamless and weatherproof system carries a UL Class A fire classification. Rapid Roof III in standard white provides a 79 percent reflective, tack-free, dirt resistant finish. Continuing to lead in innovation, Rapid Roof III offers several optional colors that also meet the ENERGY STAR requirements for reflectivity and energy efficiency.

Rapid Roof® HV

Waterproof, seamless flexibility. This High Value system delivers the same waterproof, seamless flexibility and durability of the other roofing systems, but at a lower price because it doesn't carry the costly code approvals and fire ratings. Rapid Roof HV features an 82 percent solar reflective value and meets the requirements for the ENERGY STAR program.

Flexibility for weather resistance

Steady your investment. Buildings expand and contract with the weather. A Ply System provides both superior strength and flexibility to keep you and your investments protected from the elements.

Custom built on site

Does a one-size-fits-all roofing system make sense to you? Of course not. That's why Ply Systems are custom built to meet all the intricacies of your roof. By embedding fabric between multiple coats of either Conklin's Benchmark® Rapid Roof III® or Rapid Roof® HV, the Ply System roof is manufactured on site to meet your roof's special needs.

Multi-surface versatility

A Ply System roof is perfect for most flat, or low-sloped, roofs over approved exterior grade plywood, high density concrete, smooth surface built-up roofing, or Conklin-approved board stock insulation.

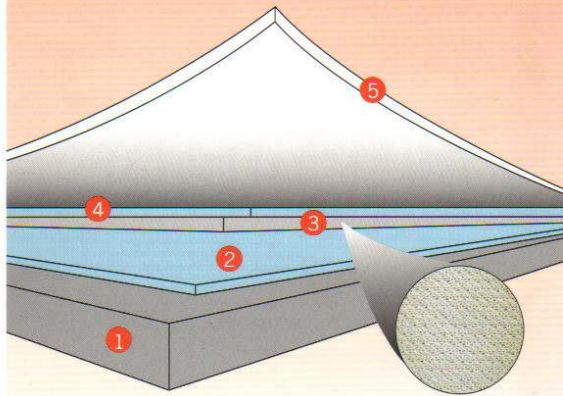
Tested. Proven. Trusted.

Fire resistance		Results	Test Method
Bench Ply – Benchmark		Class A	UL 790*
Noncombustible and Combustible Deck			
Rapid Ply – Rapid Roof III		Class A	UL 790*
Noncombustible and Combustible Deck			
Performance	Spunflex	Results	Test Method
Elongation (%)	Machine direction	60	ASTM D-412**
	Cross Direction	243	ASTM D-412**
Tensile Strength (psi)	Machine direction	1240	ASTM D-412**
	Cross Direction	406	ASTM D-412**
Overall Performance of Acrylic Coatings		Pass	ASTM D-6083
Physical Property	Spunflex	Spunflex II	
Fabric Type	Knit Polyester	Knit Polyester	
Nominal Weight (oz./yd.)	2.24	4.75	
Roll size	38" x 300'	38" x 300'	
Coverage (sq. ft.)	900	900	

*See UL Building Materials Directory for specific system criteria.

**Performance properties of the fabric when embedded in Rapid Roof III. Coverage rate: 3.8 gallons per square (minimum 38 mils) when using regular Spunflex fabric. In order to achieve minimum requirements, the application rate listed includes 15% for application loss and 10% compensation for surface texture.

Fabric Reinforced System Application



1. **Existing roof:** built-up roofs, new plywood, concrete, approved boardstock insulation and metal roof assemblies
2. **Base coat:** adheres tightly to the roof surface
3. **Fabric reinforcement:** adds strength and flexibility to the coating system
4. **Second base coat application:** thoroughly seals the fabric to make the membrane complete
5. **Top coat:** highly reflective, energy efficient, protective finish



New construction or re-roofing

Ply System is lighter than a conventional asphalt built-up roof. Because of this, architects are free to design innovative buildings without the restriction of heavy roof loads. The Ply System is light enough to apply over the top of the previous roofing surface, sparing you expensive tear-off and landfill disposal costs.

The benefit of fabric

The unique proprietary Conklin Spunflex polyester fabric offers the advantage of strength and toughness, while providing exceptional elongation characteristics. The Conklin Ply System incorporates fabric as reinforcement, raising reinforced membrane roofing to a new level.

Save money.

Protect yourself from weather extremes.

Make an investment for future generations with this environmentally friendly product. Conklin Company and your roofing contractor have teamed up to provide you with a leak-proof system that will shield your building for many years to come.



A proven record

Our building products offer real value to the home or building owner. The value of favorable life cycle costs, return on investment, easy maintenance and lower heating and cooling bills all add up to the best value for your dollar. Combine this with a history of tested, proven and trusted performance since 1977 and you have an investment with unsurpassed cost efficiency.

In good hands

A quality product is only one part of a successful equation. That product must also be installed by a highly-trained applicator who understands how it should be applied. To this end, Conklin provides a comprehensive training program to inform the contractor on product usage and correct application techniques. For a project to be a long-term success there must be a good roof design, use of a quality roofing product, installed and serviced by a competent applicator.

The Bottom Line

In our relationships with roofing contractors, building owners and facility managers, we look at a roof as a long-term investment, not just another expense.

Conklin Company Inc.
Roofing Systems Division



Tillotson Enterprises, Inc.
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715 Huron Dr.
Kearney, NE 68847

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