Benefits

- **Reflects 90%** of ultraviolet rays and heat
- **Adds years of life** to existing roofs at a fraction of the cost of a new roof
- **Reduces interior heat** noticeably. Saves 20-30% or more on AC costs
- **Adds beauty** to your buildings. Beauty that lasts.
- Practically **eliminates roof expansion and contraction** – the major cause of leaks.
- **Eliminates early deterioration** of asphaltic roofs.
- **Adheres to any sound surface** – metal, wood, shingles, concrete, foam, brick, asphalt, aluminum coatings.
- **Expands and contracts** with your roof – no cracking or peeling.
- **Easy to apply.** No interruption in your business.
- **Ten year warranty** available.
- **Duracool will last** up to 12-15 years!

Roof Types

Metal Roofs: Duracool I is self-priming and contains strong rust inhibitors. Use in conjunction with Brushable Caulk to stop leaks.

Smooth Built-up Roofs: Duracool I is designed to cover smooth and modified bitumen (capsheet) surfaces. Adds years of life to these surfaces with no bleed through – even on new roofs.

Single Ply Membranes: Extends the life of EPDM, Hypalon, and others providing a white seamless surface with reduced expansion and contraction.

A Long, Cool Life For Roofs Starts Here...

DURACOOL®

Thermal Control Roof Coating

(800) 232.9606
770.740.0460
770.740.9680 Fax

www.duracoolinc.com
info@duracoolinc.com

2635-C Northgate Avenue, Cumming, Georgia 30041

DURACOOL®

Thermal Control Roof Coating

Go green with DURACOOL

Green building is the practice of increasing the efficiency with which buildings use resources.

This works by:

- Efficient use of energy
- Creating a sustainable roof surface that can be maintained at a certain level indefinitely
- Protecting occupant health and improving employee productivity

The Keys To A Green Roof

Sustainability is the key to roofing costs. In order to be sustainable, maintainability is necessary without system replacement. Duracool thermal control roof coating makes a roof truly sustainable. When first applied, Duracool (with a life expectancy of 12-15 years) will provide a reflective barrier to the forces of degradation which includes moisture, solar degradation, contraction and expansion from absorbing heat, etc. At any point where Duracool starts to degrade, the roof can be recoated at a fraction of the cost of a new roof. This can go on indefinitely. This is true sustainability.

Reflectivity is the key to lower energy cost. Bright white Duracool prevents heat absorption and keeps roof temperatures within 2° of ambient. This can result in a substantial energy savings.

Duracool is the most cost efficient addition you can make to **GO GREEN**.

A Permanent Solution for Costly Problems

Duracool is a white mastic coating made with a new, superior elastomeric, 100% acrylic polymer specifically designed for roofing. The unique formula is the result of more than 20 years of experience working with and perfecting elastomeric products for commercial use. Duracool coatings are designed for a 12-15 year life.

On every Duracool roof, the coating remains tough and flexible to –30˚ F while retaining excellent adhesion to substrates such as BUR, polyurethane foam, metal, or EPDM. Duracool demonstrates excellent resistance to ultraviolet light deterioration, dirt pick-up, and mildew.

Why Duracool?

Increased Roof Performance:

Duracool provides a UV and total weather barrier that adds years to the life of the roof. A small investment in Duracool can easily double the life of your roof. Duracool roof coatings have an estimated life of 12-15 years.

Decreased HVAC costs:

Bright white coating reflects 85-95% of the heat of the sun. This can result in energy savings of 20-30% on air conditioning costs.

Immediately upon application, Duracool will decrease the roof temperature by up to 80˚ F. The Duracool coated surface will stay within 2˚ F of ambient outside temperature.

How Does Duracool Work?

Duracool essentially stops conductive heat transfer, which results in considerable energy savings. It is important to understand the meaning of three terms: Emissivity, Albedo, and Conductivity.

- **Emissivity** is the percent of absorbed energy a material can radiate away from itself.
- **Albedo** is the measure of the reflectivity to the full spectrum of the sun's energy. This includes the nonvisible ultraviolet or infrared light.
- **Conductive Heat Transfer** is the direct function of the temperature difference between a roof system's surface and the interior air.

Most roof systems (especially metal, BUR with or without metallic coating, black EPDM) have very low emissivity and very low albedo, which results in high surface temperature and elevated conductive heat transfer. This is a major cause of heat gain.

Bright, white Duracool provides a very high emissivity and albedo, which reduces surface temperatures to near ambient.

This is why Duracool can substantially decrease HVAC costs. Duracool is an EPA designated Energy Star Company.

ENERGY STAR