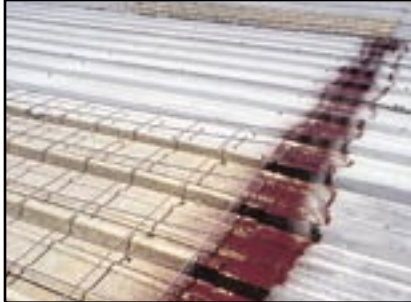


# Save Your Roof and Your Budget with Roof Restoration



Before coating



Prepare roof surface



Seal penetrations



Apply coating

## What are coatings?

Industrial roof coatings are an effective tool for extending roof life and reducing energy costs, but only when they are properly installed over a compatible roofing system.

In essence, a roof coating creates a sacrificial layer that protects the existing roof system. Coatings only restore roofs with solid substrates. Coatings do not fix major roof system failures.

### Benefits of Roof Coatings

<b>Extended Roof Life</b>	Coatings slow down the aging process and reduce thermal fatigue.
<b>Reduced Energy Demands</b>	Coatings reflect solar radiation resulting in reduced energy use and less heat transferred to the interior.
<b>Reduced Environmental Impact</b>	Coatings reduce the amount of roofing materials produced, used, and thrown away. Coatings also improve energy efficiency and reduce use of fossil fuels.
<b>Fewer Disruptions</b>	Coatings can be completed in half the time as conventional reroofing systems, and with limited or no tear-off.
<b>Lower Costs</b>	Coatings are less expensive than reroofing, and can extend the life of existing roofs.
<b>Warranty Extension</b>	Coating a roof properly can extend your warranty by up to 10 years.

## When and where to apply coatings.

Determining when and where to apply a coating is a challenge for even the most experienced building owner or facility manager. This paper will give you some guidelines to help you make the right choices.



## The decision-making process.

The following four steps outline key factors to think about when considering a roof coating – and how to make it last.

**1 Determine whether a coating is appropriate.** Most roofing systems can be coated, however, there are some situations where a coating application is not appropriate: The roof needs to be in good, serviceable condition for a coating to succeed. The roof surface should also be free of excessive dust, debris, rust, steam, liquid discharge, or other contaminants, as well as ponding water that sits for more than 48 hours.

**2 Select the proper coating.** Not all coatings are created equal – percent solids, additives and filler can vary greatly by manufacturer. Using the wrong coating on a roofing system that is not compatible or prepared incorrectly (clean, dry and tight) can lead to peeling and failure. Be sure to ask your contractor about the compatibility of coatings with your roofing system.

**3 Choose a qualified contractor.** Proper application is critical for coatings. Choose a roofing contractor with the equipment, knowledge and experience to apply an adequate and consistent coating thickness. Ask if the contractor is approved by the coating manufacturer. Be patient if the contractor will only apply coatings in certain temperatures and humidity levels. It's a sign that they understand the coating system and care about the long-term performance of your roof.

**4 Protect your investment.** Coatings, like all roofing systems, require periodic maintenance based on environmental conditions, traffic patterns, and roof slope and drainage. A preventive maintenance program allows the coating to be inspected on a regular basis, and cleaned and repaired when needed – extending the life of your roof even longer.

### Primary Coating Types

#### bituminous-based

Consist primarily of emulsions, aluminum, asphalt cutbacks or modified asphalt-based materials. Typically compatible with either asphalt or coal tar built-up roofing systems, or with modified bitumen membranes.

#### elastomeric-based

Consist primarily of latex, acrylic, silicone, urethane and hybrid materials. Typically compatible with most types of roofing systems, but primarily used on single-ply systems, spray-applied polyurethane foam and metal roofing systems.

**About D. C. Taylor Co.:** With more than 50 years of commercial and industrial roofing experience,

D. C. Taylor Co. provides responsible roofing, inside and out, by delivering expert roofing and roof retention services needed to keep its clients' facilities protected and secure.

D. C. Taylor Co. has more than 60 service and roofing crews and five service areas: Atlanta, Georgia; Cedar Rapids, Iowa; Chicago, Illinois; Concord, California and Phoenix, Arizona. The company has been ranked among the nation's largest industrial roofing contractors for over 20 years.



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