



**PERFORMANCE  
ROOF SYSTEMS™**  
A SOPREMA GROUP COMPANY



**DIRECT RECOVER**



# WHY REPLACE WHEN YOU CAN RECOVER

*Roof replacement is often the largest capital expense building owners incur over the life of their building. At some point, the decision to repair, recover or replace an existing roof system will have to be made. There's no two ways about it – Performance Roof Systems understands that every project is unique and the decision to recover must be addressed on a building-by-building basis. This guide aims to help you identify whether your roof may be a good candidate for recovery.*

## DISCOVER THE BENEFITS

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**Material & labor savings:** *Eliminating the need for a complete tear-off can save building owners significant material and labor costs.*

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**Continuous protection:** *With roof replacement, the roof is torn off, down to the roof deck, potentially exposing your building to the elements. With a direct recover, the existing membrane stays in place, providing continuous waterproofing protection while the new roof is being installed.*

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**Give your roof a green makeover:** *A direct recover gives you the ability to improve your current systems' thermal efficiency with added insulation or a highly-reflective cool roofing membrane.*

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**Less impact:** *Direct application to the existing roof system means quicker installation and less disruption to a building's daily operations and its occupants.*

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**Extended roof life:** *Along with a routine maintenance program, a direct recover is a very sustainable option for adding up to 20 years of serviceability, depending on the existing roof system, and qualifying cap and base sheets.*

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**Environmentally-friendly:** *Direct application to the existing roof system avoids contributing more construction waste to landfills.*

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## AM I A GOOD CANDIDATE?

The first step in deciding whether to recover or replace the roof is to perform a careful, detailed analysis of the existing roof. Only a knowledgeable roofing specialist can determine whether recovering is a viable option. At Performance Roof Systems, we're dedicated to helping our clients get top value for their roofing dollar. During an initial inspection, our specialist will examine every aspect of the roof system.

- » **Code Compliance**
- » **Structural Capacity/Deck Suitability**
- » **Roof Attachment/Wind Uplift**
- » **Moisture Content**
- » **Slope/Drainage Issues**
- » **Water Vapor Mitigation**



## MINIMUM SYSTEM GUARANTY REQUIREMENTS

*Direct recover systems are eligible for 10, 15 or 20-year system guaranties depending on the existing roof system, and qualifying cap and base sheets. Listed below are the minimum system requirements.*

COVERAGE OPTIONS	CAP SHEET	BASE SHEET
<b>10-YEAR</b>	<b>DERBIGUM - or - DERBICOLOR P / GP / XPS</b>	<b>NOT REQUIRED</b>
<b>15-YEAR</b>	<b>DERBIGUM - or - DERBICOLOR P / GP / XPS</b>	<b>DERBIBASE - or - DERBIBASE ULTRA</b>
<b>20-YEAR</b>	<b>DERBIGUM - or - DERBICOLOR P / GP / XPS</b>	<b>DERBIBASE ULTRA - or - DERBIGUM P / GP / XPS</b>

\*FR and CR Products are acceptable cap sheets.

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## INSTALLATION REQUIREMENTS

*Before moving forward with a direct recover, always consult a roofing design professional to discuss your options. In order to obtain a Direct Recover Guaranty, the following criteria must be met:*



Existing roof must be thoroughly inspected by a Performance Roof Systems Approved Contractor (PAC).



Building owners are responsible for structural load requirements, building codes and insurance compliance.



PAC must provide verification that roof is dry by means of a non-destructive roof scan and results submitted to Performance Roof Systems Technical Services.



Performance Roof Systems recommends that all existing metal be replaced (decision to reuse existing metal components is the designer's responsibility).



Remove and replace all wall and curb flashings, roof jacks, drain leads, scupper and vent pipe flashings.



Existing roof must have positive drainage and be clear of ponding water within 48 hours.



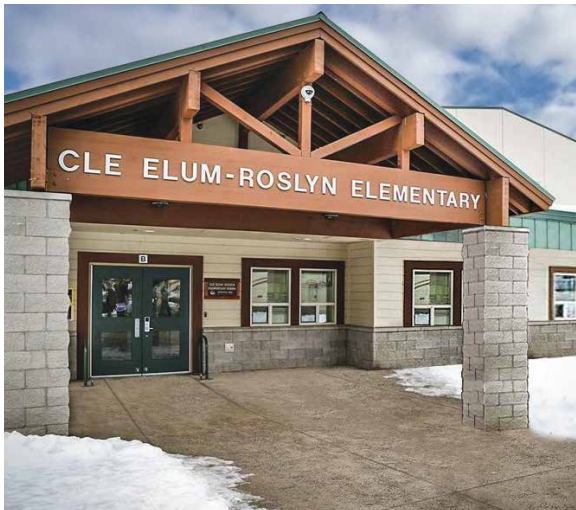
**Contact Performance Roof Systems for a free roof inspection or to discuss whether your roof is a good candidate for restoration.**

800-727-9872 | [www.performancerooftsystems.us](http://www.performancerooftsystems.us)

# DIRECTRECOVER

## SUCCESS STORIES

### CLE ELUM-ROSYLN SCHOOL DISTRICT



#### THE PROJECT:

Located in eastern Washington, Cle Elum-Roslyn School District is nestled along the foothills of the Cascade Mountain ranges. With four schools, the district encompasses roughly 600 square miles of Upper Kittitas County and serves nearly 900 students from kindergarten through 12th grade.

During the winter, facilities managers began experiencing small leaks. Unfortunately, the school district didn't have sufficient funds to replace the entire roof system due to budget constraints. To help offset costs, the roofing consultant recommended surveying the existing roofs to put together a plan to manage the schools' roofing assets.



#### SOLUTION:

To initiate the process, a Performance Roof Systems Approved Contractor (PAC) thoroughly inspected the roof to evaluate the condition of the existing BUR system. Core samples and an infrared scan found that only 3% of the roof had damaged or wet insulation.

After removing damaged material and making necessary repairs, a 1/2" gypsum coverboard was mechanically fastened through the original roof to provide a smooth working surface while also providing an additional layer of fire protection. A three-ply system, consisting of Derbibase Ultra, Derbigum GP and Derbicolor GP-FR were installed. With almost 580 mils of redundant waterproofing performance, Cle Elum-Roslyn students will have secure, distraction-free classrooms for decades to come.



## **QUALITY. PERFORMANCE. SUSTAINABILITY.**

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At Performance Roof Systems, quality lies at the heart of our business, from our mission statement to our daily operations. Our installed roofs' long-term performance proves our commitment to excellence in quality. Performance Roof Systems offers APP Modified Bitumen and PVC Synthetic membrane roofing systems and polymeric PMMA/PMA liquid-applied waterproofing solutions. Performance Roof Systems is a proud member of the SOPREMA Group Companies.



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