



## ROOF COATING RESTORATION (RCR) OVER GRAVEL BUR SURFACE LEVELING COATING FOR A SMOOTH ROOF SURFACE

### Affordable Roof Restoration:

Restoring your roof with a silicone coating is the most affordable way to extend your roof's life. But for a roof to be properly coated and restored, it needs to be relatively smooth. Gravel built-up roofs (BUR) are difficult to properly coat due to their rough, uneven surface. Attempts to coat a BUR solely with coating typically result in an expensive job due to the excessive coating required, or results in a roof failure due to not applying the appropriate amount of coating. Our Pro-Level SL 800 Surface Leveling Coating allows gravel BUR to be restored at an attractive price tag, because it levels the surface and allows the use of less roof coating while providing a long-term, high performance solution.

#### GRAVEL BUR OBSTACLES

Prior to the introduction of our surface leveling silicone coating, the only option to restore an old gravel surface BUR was to use an asphalt emulsion type product. This product is difficult to apply, very messy and only performs for a short amount of time. There was never a good roof restoration solution that would provide a long-term fix for a reasonable cost. Gravel BUR roofs are simply too rough and uneven to be affordably restored with a silicone roof coating alone. Though our silicone coating can be installed directly over the existing roof, it would have to be applied at such a thick rate that it is cost prohibitive.

#### SOLUTION

PM has developed a self-leveling silicone (SL 800), that is specially formulated to be less expensive than our roof coating, meaning the project cost can stay down while still properly restoring uneven roof surfaces. SL 800 costs less than our roof coating and allows you to use less roof coating, saving you money.

#### Coverage:

SL 800 is designed to be more free-flowing than our roof coating, allowing it to migrate to the low parts of the roof and fill every crack and crevice. This complete coverage allows for a smooth surface and proper waterproofing performance.

#### SCOPE OF WORK

- *Inspect existing roof system*
- *Remove all loose gravel*
- *Powerwash roof surface*
- *Perform a moisture survey and replace all wet material*
- *Identify and repair any problematic flashings and sheet metal*
- *Apply P-160 Bleed-Block Primer*
- *Apply SL 800 Surface Leveling Coating*
- *Apply HS 3200 Silicone Roof Coating*
- *Inspect roof to ensure compliance with PM specifications*

# Affordable Roof Restoration (continued)



1. Original Gravel BUR roof surface



2. Remove loose rock



3. Apply P-160 Bleed-Block Primer



4. Apply SL 800 Surface  
Leveling Coating



5. Apply HS 3200 Silicone  
Roof Coating



6. Apply Pro-Grip Walkway System  
(optional)

## COST SAVINGS

The silicone RCR system provides tremendous cost savings to the building owner compared to a roof replacement. Not only does this system provide long-term performance at a lower cost, it is also non-disruptive to the facility, eliminating the potential disruption of operations. The silicone RCR system is also installed much faster than roof replacement.

## SUSTAINABILITY & ENVIRONMENTAL BENEFITS

The PM Silicone RCR system resists chalking, withstands ponding water and is UV stable. But the best part of all is that at the end of the service life, it can be coated again and get a new water tight warranty.

This system eliminates unnecessary waste going to the landfill, utilizes the existing good insulation and can provide a white reflective roof surface to keep the building cooler. When considering the harmful environmental effects of installing a new roof, there is no better option than this system.



SL 800 Surface Leveling Coating does not create a perfectly level surface – and it is not designed to – but it creates a much smoother surface to which our roof coating can be properly applied