



## Digester Perris, CA

### Products

Raven 175 Primer  
Raven 541 Waterproofing Membrane  
Raven 545 1K Moisture Cure Topcoat

### **Description of Application**

After failing the pressure testing prior to the initial start-up, it was determined that air was escaping through cracks in the roof of the concrete deck of an anaerobic digester. National Coating and Lining, a Raven Certified Applicator, and Raven Technical Service recommended the use of Raven 541 Flexible Waterproofing Membrane as a solution to seal the concrete substrate. First, the cracks were filled with Raven 175 Primer, and then a fine glass aggregate was poured into the open cracks. Next, the entire concrete surface was primed to reduce the possibility of outgassing. After the primer, two coats of Raven 541 were applied with both coats receiving sand aggregate (broadcasted to refusal). Finally, a topcoat, Raven 545, a UV stable, moisture-cured aliphatic polyurethane, was then applied in two coats for color stability

### Profile

#### **Project Location**

Perris, California

#### **Certified Applicator**

National Coating & Lining  
Company

#### **Owner**

CR&R Environmental Services

#### **Contractor**

W.M. Lyles Co.





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