Ensure the longevity of concrete tunnels. Tunnels are often the most expensive area of infrastructure, costing billions to construct and millions to maintain every year. Coatings and paints can protect the surface of these structures, but they require constant replacement due to groundwater seepage, efflorescence buildup and salt and chemical attacks. Spray-Lock Concrete Protection (SCP) Treatments are the only way to ensure protection throughout the life of a tunnel, as they penetrate deep within pores and capillaries to waterproof and chemically stabilize concrete from within. Used at either time of placement or during remediation, our treatments can be applied on either the positive or negative side and remove the need for curing membranes, corrosion inhibitors, surface hardeners or densifiers.
Significant cracking and leaking before SCP Treatment

Leaking reduced approx. 80% after SCP Treatment

AVERAGE SAVINGS & PERFORMANCE WITH SCP

» Access After Curing

<table>
<thead>
<tr>
<th>Water Cured</th>
<th>SCP Cured</th>
<th>SCP Remediated</th>
</tr>
</thead>
<tbody>
<tr>
<td>28 days</td>
<td>14 days</td>
<td>1 day</td>
</tr>
</tbody>
</table>

SCP allows coating and paint applications sooner.

» Maintenance Savings

ONE CITY TUNNEL
1,300 ft

Before SCP = $100,000 per year

After SCP = $15,000 per year

SCP saves the city $75,000 in annual maintenance costs.

» SCP Performance

- **REDUCTION of Water Penetration** up to 99.8%
- **REDUCTION of Drying Shrinkage** up to 92%
- **REDUCTION of Freeze-Thaw Damage** up to 78%
- **INCREASE of Pull-off Strength for Coatings** up to 73%
- **REDUCTION of Chloride Content** up to 64%
- **REDUCTION of Surface Abrasion Loss** up to 58%
- **INCREASE of Compressive Strength** up to 20%

More test results available upon request.