

# Why Choose Nukote Coating Systems for Your Underground Asset Rehabilitation?

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Underground assets, the silent heroes of our modern world, pulse beneath our feet, ensuring access to clean water, sanitation, and other essential services. Yet, these hidden networks face constant wear and tear, requiring specialized care to maintain their functionality and longevity. This is where the concept of underground asset rehabilitation emerges, playing a crucial role in safeguarding our infrastructure and protecting public health.

In this realm of crucial maintenance, Nukote products from IMC/Nukote Canada, stand as a game-changer. Forget about patch-up fixes; Nukote offers proactive solutions, designed to prevent problems before they arise. With a focus on water systems and applications, Nukote boasts a diverse range of coatings tailor-made for the unique challenges faced by underground assets.

Before Rehabilitation:



Striping:

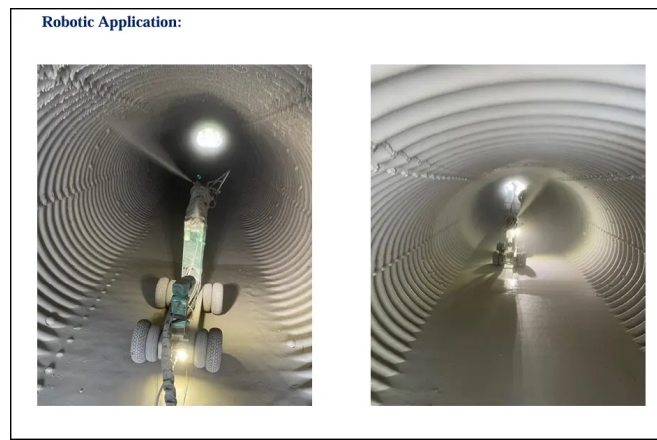


## Understanding Underground Asset Rehabilitation: A World of Hidden Assets

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Underground asset rehabilitation isn't just about fixing pipes. It's a comprehensive process encompassing repair, restoration, and upgrade of vital infrastructure like water and sewage systems, gas lines, and electrical conduits. By extending the life of these assets, we improve performance, meet future demands, and avoid catastrophic failures that can disrupt daily life and damage the environment.

However, this process comes with its own set of complexities. Accessing subterranean systems can be challenging, while harsh environments filled with moisture, chemicals, and soil pressure threaten their structural integrity. Compounding these issues are evolving regulations and standards, demanding solutions that not only fix present problems but also anticipate future needs.



## **Nukote Coating Systems: A Shield for Your Underground Infrastructure**

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Here's why Nukote emerges as the ideal solution for tackling these challenges:

### **Unmatched Durability: Extend the Life of Your Assets**

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Nukote coatings aren't just temporary fixes; they're designed to last a lifetime. Their advanced chemical formulations create a robust barrier against wear and tear, significantly extending the life of your underground assets. This translates to reduced repair costs, minimized downtime, and long-term cost savings.

### **Impenetrable Protection: Combat Abrasion and Corrosion**

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Moisture, chemicals, and soil movement act as constant enemies of underground assets, causing abrasion and corrosion. Nukote's abrasion and corrosion-resistant coatings form an impenetrable shield, repelling water, resisting chemical attacks, and minimizing physical wear. This robust protection safeguards the structural integrity of pipes, tanks, and other systems, ensuring their continued efficiency and safety.

### **Unwavering Safety: Meeting and Exceeding Standards**

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Safety and compliance are non-negotiables in underground asset rehabilitation. Nukote prioritizes these aspects by developing coatings that meet, and often exceed, industry standards. The non-toxic nature of the coatings, their fire and chemical resistance, and their ability to maintain integrity under diverse conditions provide peace of mind. By choosing Nukote, you're not just protecting your assets; you're protecting the public and the environment.

## More Than Just a Coating – Nukote Solutions for Water Systems

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Nukote goes beyond generic solutions. It offers specialized coatings designed for the unique challenges of water systems, from treatment plants to distribution networks. These coatings provide superior protection against corrosion, leaks, and contamination, ensuring clean water delivery and a healthier environment.

For comprehensive water infrastructure rehabilitation, Nukote offers The Nukote Aegis System™, a powerful solution for water systems. This system leverages advanced robotic application and interchangeable coatings to deliver long-lasting protection against corrosion, leaks, and contamination in diverse water assets, including treatment plants, distribution networks, and storage facilities. In addition to anti-corrosion and protection solutions the Aegis line contains Class III Semi-Structural and Class IV fully-structural lining systems for damaged and corroded assets.

## Real-World Impact: Stories of Success with Nukote

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Nukote's effectiveness isn't just hypothetical. Its success stories speak volumes:

**CASAN Water Treatment Facility, Brazil:** Nukote coatings tackled corrosion and leakage issues, extending asset life, improving water quality, and reducing maintenance costs.

**JPCL Space Center Project, Houston, Texas:** Nukote's specialized coatings protected the infrastructure from harsh conditions, leading to reliable water systems for this critical facility.

**Internal Concrete Potable Water Pipes Restoration, Ontario, Canada:** Nukote sealed and protected the internal surfaces of aging pipes, ensuring water safety and extending their lifespan.

**Culvert Rehab, York Region, Canada:** Nukote PP300 and Nukote ST M were used to rehabilitate a fully deteriorated ellipse CSP culvert, proving to be the most cost-effective option with the least amount of disruption to traffic flow.

## Why Choose Nukote and IMC for Your Underground Asset Needs?

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Nukote Coating Systems, delivered by IMC/Nukote Canada, offers a compelling proposition for your underground asset rehabilitation projects:

- Superior durability and long-lasting protection
- Expertly formulated coatings for water systems
- Compliance with safety and environmental standards
- Proven effectiveness in real-world applications
- Reliable partnership with IMC/Nukote Canada for optimal product selection and support

Investing in Nukote isn't just about fixing problems; it's about embracing a proactive approach to sustainable infrastructure management. By partnering **IMC/Nukote Canada**, you're ensuring the future of your underground assets, contributing to a cleaner, safer, and more resilient world.