



DuraRem Revolutionizing Contaminated Soil Remediation

**Encapsulating
Heavy Metals, VOCs, and
Semi-VOCs by Up to
95% in Just 7 Days!**

The Challenge: Contaminated Soils and Rising Costs

With over 450,000 brownfield sites in the U.S. alone and countless more worldwide, the remediation of contaminated sites presents significant financial and environmental challenges. Traditional methods require excavation, transportation, and disposal—driving up costs and liability. But what if there was a faster, cost-effective, and sustainable alternative?

The Solution: DuraRem by Duraflex Solutions

DuraRem offers a game-changing approach to soil remediation by stabilizing and encapsulating contaminants directly on-site. Our proprietary formula, when combined with Ordinary Portland Cement (OPC), locks in contaminants like heavy metals, VOCs, and semi-VOCs within just 7 days, reducing both their availability and leachability.

- ▶ **Lower remediation costs:** Reduce or eliminate off-site soil disposal expenses.
- ▶ **Accelerated project timelines:** No waiting for lengthy treatment processes.
- ▶ **Environmentally responsible:** Minimize contamination risks and landfill dependency.
- ▶ **Improved geotechnical properties:** Strengthen soil for reuse in construction.

How DuraRem Works

- 01 On-Site Mixing**
A blend of 2% DuraRem by OPC weight + 10% OPC by soil weight is mixed using a pug mill or similar construction equipment.
- 02 Activation & Stabilization**
Water is added to the mix, triggering the encapsulation process and forming a competent, impermeable base.
- 03 Versatile Reuse & Disposal**
Treated soil can be safely reused under pavement, parking lots, or as retaining wall blocks. It can also be disposed of in non-hazardous landfills—cutting disposal costs by up to 50%.



Why Choose DuraRem?

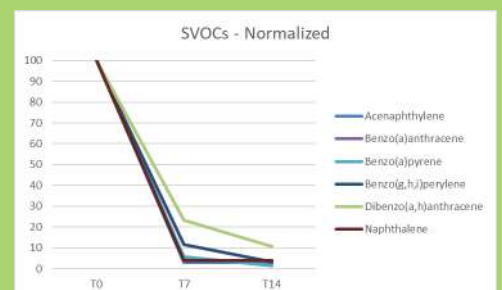
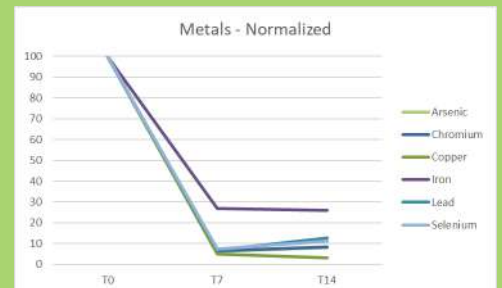
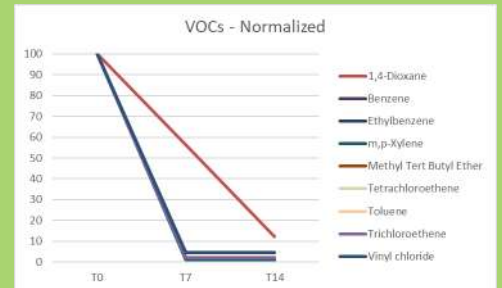
- ▶ **Proven Results:** Encapsulates contaminants by up to **95% within 7 days.**
- ▶ **Regulatory Compliance:** Helps meet environmental safety and remediation standards.
- ▶ **Project Efficiency:** Reduces transportation and disposal needs, streamlining operations.
- ▶ **Cost Savings:** Limits the need for imported fill, aggregate, and expensive disposal.



Testing was conducted in collaboration with Verdantas Environmental Services and SGS North America Inc.

Test Results:

Leachability testing by TCLP and SPLP



Duraflex Solutions

Your Trusted Partner in Soil Remediation

At Duraflex Global, we specialize in **advanced solutions for soil stabilization and contaminated soil remediation.** Our products, including DuraRem (Duraflex for remediation), DFI (Duraflex for Infrastructure), and DFC (Duraflex for Concrete Modification), are designed to improve environmental and operational efficiency.



Available in 2,000 lb. (950 kg) jumbo bags
Ready to ship to your site or supply warehouse.



Let's Talk! Contact us to discuss how DuraRem can revolutionize your next remediation project.

Authorized Dealer:

CLEAN SWEEP
INDUSTRIAL SOLUTIONS

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