



# CEM-KOTE FLEX CR

Breathable, Flexible, Hydrogen-Sulfide-Resistant,  
Polymer-Modified, Cementitious Waterproofing

Highly flexible, fiber-reinforced,  
hydraulic cement based material.



CEM-KOTE FLEX CR is  
primarily used for  
waterproofing and  
protection of concrete  
structures exposed  
to sulfuric acid  
(generated by micro-  
biological oxidation of  
hydrogen sulfide).



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CEM-KOTE FLEX CR is a high-performance, breathable, fiber-reinforced, hydraulic cement-based material engineered for exceptional flexibility and durability. This advanced two-component system—consisting of dry **Component A** and liquid **Component B**—can be further strengthened with **REINFORCING FABRIC HD** for enhanced tensile strength.

Designed primarily for waterproofing and protecting concrete structures exposed to sulfuric acid (formed by the micro-biological oxidation of hydrogen sulfide), **CEM-KOTE FLEX CR** is ideal for use in:

- Wastewater treatment facilities (digesters, sludge tanks, clarifiers)
- Manholes and sewer systems
- Thin-section concrete restoration and waterproofing projects requiring superior flexibility, chemical resistance, and breathability
- Concrete floors, tanks, and secondary containment structures subjected to various chemicals
- Concrete surfaces vulnerable to carbonation

## Features & Benefits

- **Exceptional sulfuric acid (MIC) resistance:** Safeguards structures against aggressive chemical environments
- **Robust chemical resistance:** Extends the lifespan of concrete in harsh conditions
- **Long-term crack prevention:** Maintains structural integrity under stress
- **Superior freeze/thaw durability:** Performs reliably in fluctuating climates
- **Excellent substrate bond:** Adheres strongly to clean surfaces
- **Self-curing:** Eliminates the need for additional curing procedures
- **Breathable:** Allows trapped moisture to escape, preventing damage
- **Very low shrinkage:** Ensures dimensional stability and lasting protection
- **Easy application:** Streamlines installation for quicker project completion

Whether you're looking to prolong the life of critical infrastructure or restore concrete surfaces in demanding environments, **CEM-KOTE FLEX CR** delivers a trusted solution that combines flexibility, chemical resistance, and proven performance.

