

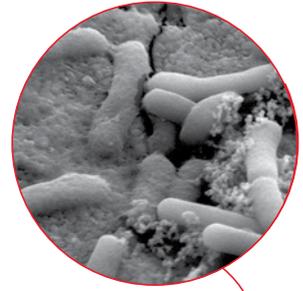
SEWERCOAT®

**Your Partner
for Wastewater
Infrastructure Protection**



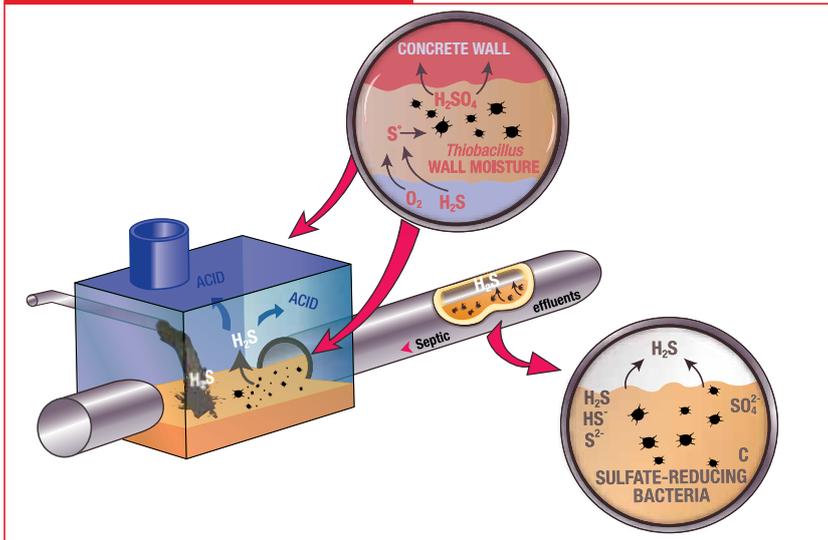
The Owner's Problem: Biogenic Corrosion

When the right conditions exist in a sewer system, Acidophilic* bacteria feed on sulfur from H_2S gas and release sulfuric acid that corrodes concrete, mortar, steel, and ductile iron. In the most severe cases, bacterial activity can destroy up to 25 mm of concrete per year.



*Acidophilic describes bacterial strains that develop best in acidic conditions. Thiobacillus Thiooxidans generates its own sulfuric acid to maintain its environment to a pH close to 1 on conventional surfaces.

Biogenic Corrosion Principles



"FROM MICROSCOPIC BACTERIA...
...COME BIG PROBLEMS"



The SewperCoat® Solution: the only proven 100% calcium aluminate mortar

Why is SewperCoat® superior? It's simple, the right chemistry...

SewperCoat®'s outstanding durability in the most severe sewer environments relies on the unique "bacterio-static effect" of calcium aluminates. The metabolism of acid-generating bacteria is inhibited on calcium aluminate surfaces, thus maintaining a pH level above 3.

The unique SewperCoat® equation:

- much less bacterial activity,
- much less sulphuric acid production,
- much less corrosion damage,

...it's that simple!

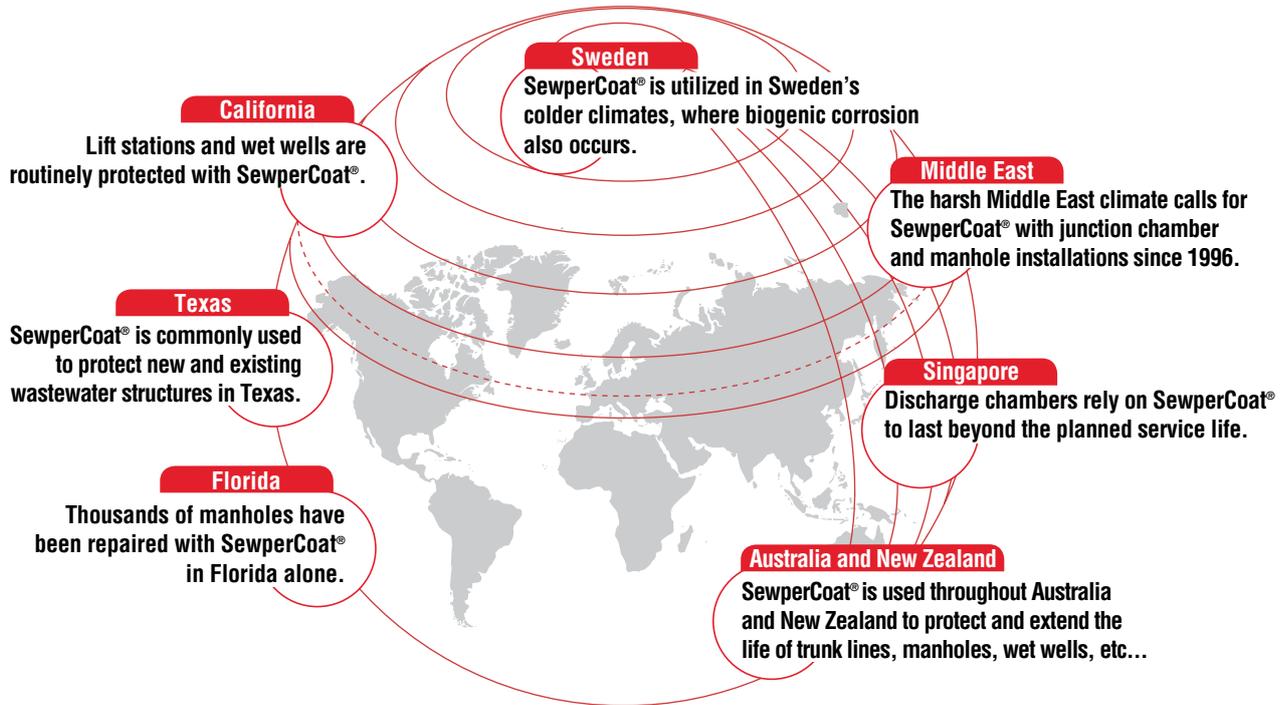


SewperCoat® provides the Owner with following key benefits:

- Easy monolithic installation
- Readily adheres to damp concrete surfaces
- High early strength / High abrasion resistance
- Restores structural integrity
- Rock solid barrier to infiltration
- Economical to apply, and cost effective in the long run
- Lasts for generations
- Supports sustainable development



SEWPERCOAT®



**The ease of a cementitious mortar...
... but with unequalled durability!**

	SEWPERCOAT®	Inert materials
Cost	\$	\$\$\$
Inhibits bacterial activity	YES	NO
Neutralizes sulfuric acid	YES	NO
Completely moisture tolerant	YES	NO
Restores structural integrity	YES	NO
Multi-component formulation for rehab installations	NO	YES
May require an underlayment	NO	YES
Subject to holidays and pin-holes	NO	YES
Contains volatile organic compounds (VOCs)	NO	YES
Requires elaborate spark testing to ensure proper installation	NO	YES
NFPA rating according to		
published MSDS		
Health	0	2-3
Fire Hazard	0	0-1
Reactivity	0	0-1

SEWPERCOAT® IS THE ULTIMATE SOLUTION FOR BIOGENIC CORROSION!

Customer Service 1800 801 108

National Head Office: 7 Lucca Road, Wyong NSW 2259 02 4350 5000

The SewperCoat® trademark is the property of Kerneos.

