



IMERYS

SEWPER[®]

Imerys solutions to protect your new
and existing wastewater assets from
H₂S biogenic corrosion



Here for generations

Sewper® Liner: Protection of new assets

Minimizing the total cost of ownership over long life is a key challenge in the design of new wastewater assets. Ensuring durable and reliable protection at the time of construction is the best approach.

When H₂S biogenic corrosion is expected Imerys' innovative Sewper® Liner mineral solution provides durable protection and improved environmental performance.

Sewper® Liner mineral solution benefits:

- Outstanding H₂S corrosion resistance: proven Calcium Aluminate Technology
- Fast spray application – easy to apply, protect large areas quickly
- Sustainable: environmental improvement vs. current practice
- Safe: no Volatile Organic Compounds, no dust, not flammable
- Bonds to new concrete surfaces
- Long lasting: reduced maintenance and longer inspection periods

Sustainable solution

Environmental impacts are much lower for Sewper® Liner compared to an epoxy resin in a comprehensive comparative life cycle analysis conducted to ISO 14040/44 Standards.

*Comparative Life Cycle Analysis as per ISO 14040/44 Standards with third party external review: functional unit is a WWTP chamber, 5 mm Sewper® Liner Vs 1 mm BPA Epoxy with fiberglass reinforcement

Sewper® Liner is a certified Imerys Pioneer product. This means it provides the highest environmental contribution to the downstream value chain, whilst also demonstrating a low environmental impact in its production phase compared to its economic value.

Key sustainability benefits:

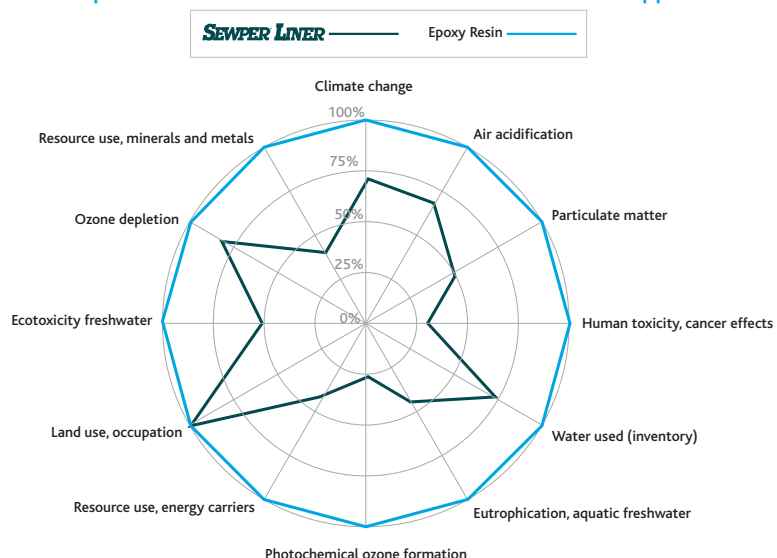
- Reliable protective coating solution which provides a longer service life to wastewater assets, compared to epoxy resin which presents a high rate of premature failures over time
- All environmental impacts are lower in the whole life cycle compared to epoxy resin



For more information



Comparison for Waste Water Treatment Plant chamber application



SewperCoat®:

Rehabilitation of H₂S biogenic corrosion

Biogenic H₂S corrosion severely damages in-service Wastewater Assets, reducing service life and threatening structural integrity.

With over 30 years proven performance, SewperCoat®'s unique mineral composition provides long-lasting, safe rehabilitation and allows repairs in live assets when needed.

SewperCoat® 100% Calcium Aluminate mortar:

- **Outstanding H₂S corrosion resistance** with proven track record
- **Wet spray formulation:** no dust, low rebound; meeting confined space constraints
- **Dry gunite formulation:** ideal for long-distance applications
- **Single layer monolithic repair** restoring structural integrity
- **Fast return to service**, as short as 1 hour for most situations
- **Durable:** satisfied owners around the world expect +50 years service

Value, durability and peace of mind

Outstanding Sewper® durability removes repeated installation required with other approaches.

Typically, the installation of Sewper® often outlives other inert liner products on the market by up to three or four times.

Typical Service Life

SEWPER LINER Service Life

One single installation

Inert Liner Typical
Service Life

1st
installation

2nd
installation

3rd
installation

4th
installation

Multiple installations

Supporting a new era of sustainable construction

Sustainability is a catalyst for fundamental change in the construction industry. As a world leader in high-performance mineral solutions for Building & Infrastructure, Imerys is uniquely placed to unlock the sustainable potential of building materials to drive innovation and meet the changing needs of the industry and our planet.



The world leader in mineral-based specialties for industry



Over **15,000**
customers



Sales in **142**
countries



€4.4bn
revenue

At Imerys, we fulfill our role in society in a responsible way.

The technical expertise and innovative mindset of our people enable us to extract and transform minerals responsibly and in a sustainable way over the long term.

EMPOWERING our people



Increase women in senior
management to 30% by 2022¹

CARING for our planet



Reduce CO₂ emissions
(in tCO₂/€) by 36% by 2030²

BUILDING for the future



Assess 40% of portfolio³ against
sustainability criteria by 2022



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Notes: ¹ And fully implement the Group Diversity and Inclusion 3-year program.

² Target approved by the Science Based Target initiative.

³ By revenue.