

## Bund Lining Service

|                                   |            |
|-----------------------------------|------------|
| <b>Bund Lining Service</b>        | <b>2</b>   |
| <b>Frequently Asked Questions</b> | <b>3-5</b> |
| <b>Bund Problems</b>              | <b>6</b>   |
| <b>Health and Safety</b>          | <b>7</b>   |
| <b>Other Industrial Linings</b>   | <b>8</b>   |



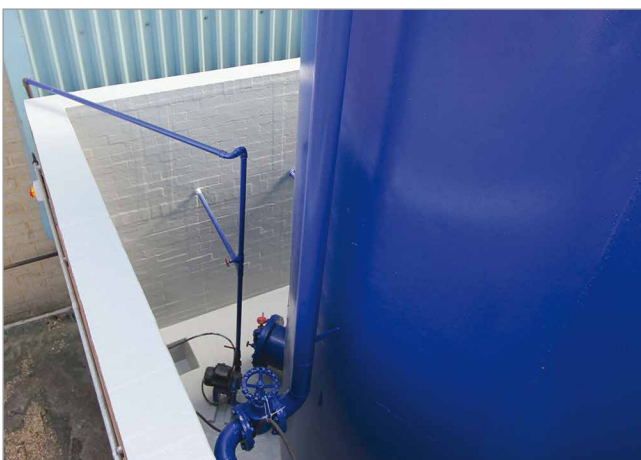
Tank bund.



Dairy Farm IBC storage bund.



Hydrogen peroxide storage tank bund.



Tank bund.



Waste water bund and pit.

For a quote & FREE site survey call **01206 798 798**  
to speak to our specialist team. [www.suigeneris.co.uk/bund](http://www.suigeneris.co.uk/bund)

## Bund Lining Service

### Bund lining, repair and sealing upgrades with GRP

Bunds are exposed to tough conditions, but continued exposure to oils, chemicals and other liquids can make them crack, corrode, leak or become contaminated.

#### Does your bund need lining?

Bunds that aren't leak-free or safe can lead to expensive site damage, and if they breach Environment Agency pollution guidelines you could be fined.

Don't let this happen. We can solve the problem for the long term and line your bunds with a fibreglass bund lining.

GRP (also known as fibreglass) is long lasting and copes well with normal structural movement - and because it's impact resistant and easy to clean it'll remain maintenance free for many years to come.

Avoid expensive bund rebuilds, a GRP lining can mean the difference between a cost-effective bund repair and an expensive bund replacement.

#### Economical and durable GRP bund lining

- We'll grit blast your bund and make any necessary repairs, upgrades or extensions.
- Next, we'll line your bund to create a long-lasting alternative to a complete bund rebuild.
- Best of all, we'll normally have the job done within the week so inconvenience is kept to a minimum.

Call now to arrange your free, no-obligation survey by a technical surveyor.

We'll soon have your bunds back in action.

#### Benefits:

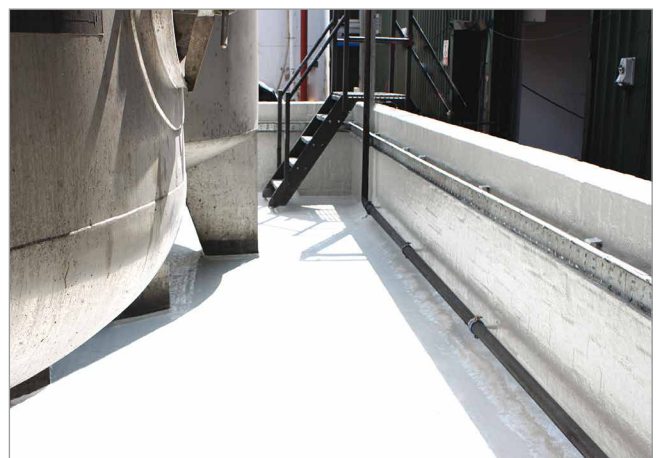
- Avoid expensive rebuilds
- Durable, long lasting
- Chemical, corrosion and impact resistant
- Flexible enough to deal with structural movement
- No annual up-keep costs such as painting or treating
- Long term cost saving - 20+ years of useful life
- Minimal site disruption - normally installed in a week
- Sui Generis - over 20 years of Bund Lining experience



A tank bund impermeable bund lining added within a week.



Aviation fuel tank bund areas with completed GRP lining.



Rapeseed oil storage tank bund.

For a quote & FREE site survey call **01206 798 798**  
to speak to our specialist team. [www.suigeneris.co.uk/bund](http://www.suigeneris.co.uk/bund)

Industrial Linings  
Industrial Coatings  
Spill Containment

GRP Mouldings  
Anti-slip Stair & Floor  
Industrial Grating



## Frequently Asked Questions

### What is a Sui Generis GRP Bund Lining System?

It literally involves building a new bund within the existing structure.

Following the required preparation to remove foreign matter, our four-coat lining system is hand applied to the existing structure. The finished lining has its own structural strength with a nominal thickness of 3mm.

Our GRP Bund Linings are corrosion resistant, have excellent impact resistancy and are flexible enough to deal with structural movement.

### My tank bund is leaking at the wall joints, how does a GRP Lining overcome this problem?

Our Fibreglass Lining has no joints or seams and therefore creates a complete seal making your bund impermeable to both water and the storage vessels contents.

### What about the condition of the existing bund walls and floor?

Because it is reinforced and has its own structural integrity of some substance, our GRP Bund Lining is not wholly reliant on the existing substrate to remain sound.

If the substrate surface becomes flaky or crumbly any coating will lose its adhesion. With a GRP Bund Lining this is totally acceptable, even with massive de-lamination up to 80 or 90%.

### Will a GRP Bund Lining need any maintenance?

No, just good housekeeping and the occasional clean to wash off dirt.



1. Surface preparation to remove foreign matter.



2. A 4-coat lining system is applied to the existing structure.



3. Completed, a GRP lining creates a new bund within the existing structure.

For a quote & FREE site survey call **01206 798 798**  
to speak to our specialist team. [www.suigeneris.co.uk/bund](http://www.suigeneris.co.uk/bund)

## Frequently Asked Questions

### How do you know that your GRP Bund Lining is suitable for my storage requirements?

Following the advice of our Chemist, the type of resins used for a bund Lining will be determined by the substance you are looking to contain and the operating environment of your bund.

Our linings can even be made suitable for some of the most aggressive chemicals and chemical mixes.

### What kinds of liquids can a GRP Bund Lining contain?

Our GRP bund linings contain most kinds of liquids, from toxic and corrosive solutions right through to aviation fuel or dairy products. These are just some of the bunds we can line for you:

- Acetic Acid
- Alcohols
- Aluminium Sulphate
- Chlorinated Water
- Diesel Oil
- Ethanol
- Ethylene Glycol
- Gas Oil
- Hydrochloric Acid
- Nitric Acid
- Sewerage
- Sodium Hypochlorite
- Sodium Hydroxide
- Sulphuric Acid
- Transformer Oil
- Urea
- Vegetable Oil
- Vinegar

### Do you have to wait for ideal weather conditions before you can line my bund?

No, whilst most lining or coating systems demand all but perfect conditions and surfaces when being applied a Fibreglass lining system is very forgiving and has a much wider tolerance to adverse conditions without its long-term value being undermined.

Consequently, a Sui Generis GRP Lining system can usually be installed all year round to meet your requirements and not that of the weather.

### Do you use sub-contractors to install?

No, all our installations are carried out by our own fully trained teams.

### Will you keep my site tidy?

Yes. It will be necessary to have materials on site but our operatives are fully aware of the importance of good housekeeping and all materials will be safely stored.

Our work areas will be left clean and tidy when we depart from site and the only evidence of our visit will be our GRP Bund Lining.



**Chemical storage bund.** A GRP lining installed to a new internal silos bundled area to maximise the bund life.



**Sulphuric acid bund.** Newly built bund area with added GRP Lining, prior to installation of storage tanks.



**Oil bund.** The GlyCol bund life was extended with addition of a GRP lining.

For a quote & FREE site survey call **01206 798 798**  
to speak to our specialist team. [www.suigeneris.co.uk/bund](http://www.suigeneris.co.uk/bund)

Industrial Linings  
Industrial Coatings  
Spill Containment

GRP Mouldings  
Anti-slip Stair & Floor  
Industrial Grating

## Frequently Asked Questions

### What are your credentials?

We have been installing out Industrial Linings for over 20 years, during this time we have been entrusted with carrying out work on high risk establishments such as nuclear plants, chemical factories and railway stations.

We are committed to, and have a proven track record for offering excellent customer service and quality of product whilst also conforming to the highest Health and Safety standards.

The biggest endorsement we can provide is the comments of customers who have experienced us at first hand.

See our website for our latest Customer Testimonials.

### Do your bund linings conform to regulations?

Yes. Bunds and bund repairs have to conform to stringent pollution control regulations, which are there to ensure secondary containment is of sufficient size, oil-tight, contains no direct outlet and has no pipework passing through it if avoidable.

Our bund repairs and upgrades all comply with current Pollution Prevention Guidelines (PPG2) and SEPA (Scottish Environment Protection Agency) regulations.

### What quality accreditations do you have?

- ISO 9001:2015 - Quality Management System
- ISO 14001:2015 - Environmental Management System
- CHAS Accredited
- SafeContractor Approved
- Constructionline Accredited
- UVDB Accredited
- RISQS Verified



**Water and waste water.** GRP lining for a water and waste water management company acid dosing room.



**Generator bund.** GRP lining, including internal concrete trench runs, complicated pipe and cable areas.



**Tank bund.** GRP lining of storage tank bunds and pipe areas for a food preparation factory.

For a quote & FREE site survey call **01206 798 798**  
to speak to our specialist team. [www.suigeneris.co.uk/bund](http://www.suigeneris.co.uk/bund)



## Bund Problems, don't replace it - we'll fix it



**Leaking bund**

**Problem:** If you see plants growing in the joins of a bund, it's not secure. When liquid fills the bund, it will leak out of the cracks the weeds have taken root in.

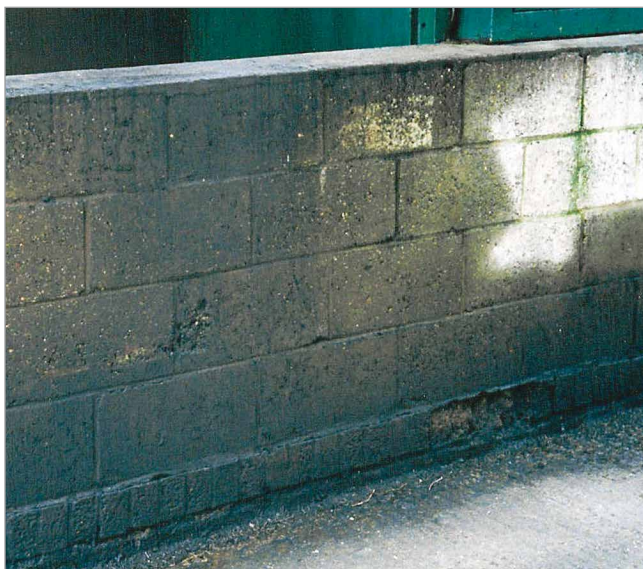
**Solution:** A GRP bund lining will cover these weak points and make the bund safe again.



**Damaged bund wall**

**Problem:** Big cracks mean you've got serious safety issues on your hands. If a corrosive or toxic liquid filled this bund, it would gush out through the wall, fast.

**Solution:** Repairs to the concrete combined with a GRP lining would soon put this bund back in action.



**Contaminated bund wall**

**Problem:** When oils or acids drip or spill into a concrete bund, they penetrate any unprotected concrete and contaminate it.

**Solution:** GRP linings are durable, washable and provide longer-lasting protection than epoxy coatings.



**Unsealed bund pipe**

**Problem:** If you have an older bund with one or more pipes passing through the walls, the join can be a leak waiting to happen.

**Solution:** A GRP reinforced lining, giving this particular weak point substantial protection.

For a quote & FREE site survey call **01206 798 798**  
to speak to our specialist team. [www.suigeneris.co.uk/bund](http://www.suigeneris.co.uk/bund)

## Health and Safety

We have a rolling programme of health and safety training for our operatives which includes but is not limited to the following:

- Asbestos Awareness
- Breathing Equipment Instruction
- CITB Health & Safety Awareness
- COSHH
- Emergency First Aid
- Emergency Spill Control
- EUSR National Water Hygiene Scheme
- ECITB Safety
- Fire Safety
- Manual Handling
- Risk Assessment
- PASMA Tower User
- PPE Use
- Working at Height

In addition we hold current certification for:

- CSCS
- Confined Space Training
- EUSR
- SSSTS Site Supervisor Safety
- Safetyman Harness & Lanyards
- Safetyman PAT Testing
- Safetyman Use of Abrasive Wheels
- Safetyman Portable Tower Tools
- Sentinel
- WAH Harness, Ladders Access, Towers Awareness

Our operatives also receive training on our Quality Management System to ensure that we achieve the highest standards of workmanship on site in a safe and professional manner.



Bund lining preparation. Pressure washing prior to cleaning, gritblasting and application of GRP lining.



Completing the top coat for a tank GRP lining.



Completing a Tank GRP lining.

For a quote & FREE site survey call **01206 798 798**  
to speak to our specialist team. [www.suigeneris.co.uk/bund](http://www.suigeneris.co.uk/bund)



## Other Industrial Linings

### Protecting vital infrastructure and the environment

Sui Generis can provide high quality GRP Linings wherever you have a surface you need to protect.

Our full linings service includes surface preparation, repairs to cracks and corrosion, plus a complete GRP lining customised to your needs. And it's faster than a complete replacement.

We'll work with you to minimise downtime and get your surfaces back in action, fast.

### Tank Lining

Repair an old tank or repurpose one for a new use. A GRP lining is like placing a tank within a tank, ensuring a safe, long-lasting container for your liquids, chemicals and oils. Holes caused by corrosion, failed joints and leaking pipe connections can all be restored with a GRP lining.



Tank Lining

### Wall and floor linings

Do you need a hygienic floor lining for your hospital? A non-slip coating for your brewery? Or a chemical resistant wall lining for your factory? Sui Generis can help you make your facility safe and secure today with a variety of industrial linings for your walls and floors.

### Cooling tower lining

If cooling towers aren't properly coated, they can begin to corrode or leak at the joints, both of which can provide a breeding ground for legionella, the source of Legionnaires' disease. A GRP lining will seal cooling towers and prevent problems like these.



Wall & Floor Lining

### Pit lining

Any vessel that handles waste and runoff from your industrial processes is going to face harsh conditions. But it's not always easy to notice when it's failing and chemicals are leaking through. So ensure total peace of mind and ask us to install a GRP lining today.

### Gully lining

If your gully handles a lot of waste, corrosion can happen quickly. Whether from wear and tear due to the volume of liquid passing through or chemical attack, but you can count on your gully being risk-free when it's been equipped with a GRP lining from Sui Generis.

### Gutter lining

Help your gutters channel away waste water safely for decades to come. Ordinary plastic, tiles or brick will have to be replaced, a GRP lining from Sui Generis guarantees you many years of leak-free, easy-to-clean gutters.



Roof Gully Lining

For a quote & FREE site survey call **01206 798 798**  
to speak to our specialist team. [www.suigeneris.co.uk/bund](http://www.suigeneris.co.uk/bund)

Industrial Linings  
Industrial Coatings  
Spill Containment

GRP Mouldings  
Anti-slip Stair & Floor  
Industrial Grating