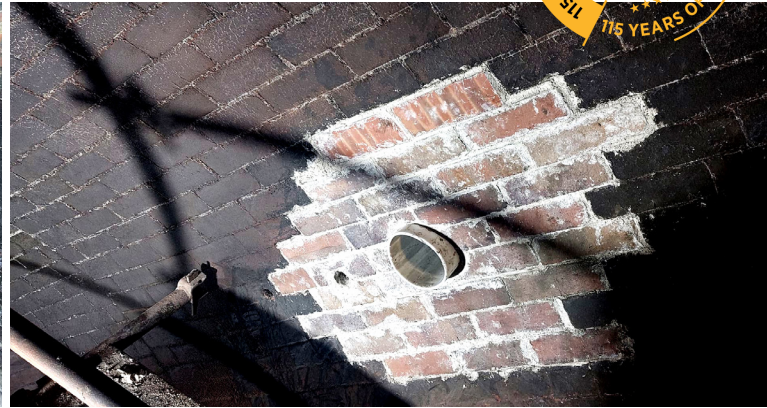




5 SIGNS YOUR FACILITY NEEDS **ACID BRICK LINING**



INTRODUCTION

Corrosion is a silent threat that can compromise the integrity of your industrial facility over time.

While some signs of corrosion are visible, others can remain hidden until significant damage has already occurred. Acid Brick Lining offers robust protection against the harshest chemicals and corrosive environments, ensuring the longevity and safety of your infrastructure.

This document outlines five key signs that indicate your facility could benefit from the superior protection of Acid Brick Lining.

1. FREQUENT MAINTENANCE & REPAIRS

If your facility requires frequent maintenance and repairs due to corrosion-related issues, it is a clear sign that your current protection methods are inadequate. Constantly addressing corrosion problems not only increases operational costs but also leads to unnecessary downtime, affecting your overall productivity. Acid Brick Lining offers a durable, long-term solution that significantly reduces the need for ongoing maintenance. By creating an impermeable barrier against corrosive substances, Acid Brick Lining extends the lifespan of your equipment and infrastructure, minimising the frequency of costly repairs.

Key Indicators:

- Regular repair work on corroded surfaces
- Increased maintenance budget for corrosion-related issues
- Frequent downtime due to corrosion damage

2. EXPOSURE TO AGGRESSIVE CHEMICALS

Facilities that handle or store aggressive chemicals, such as acids or alkalis, are at a higher risk of corrosion. Traditional protective methods may not provide the necessary resistance to these harsh substances, leading to rapid deterioration of your infrastructure. Acid Brick Lining is specifically designed to withstand a wide range of aggressive chemicals, offering superior protection in environments where traditional coatings and materials fail. If your facility is exposed to highly corrosive chemicals, upgrading to Acid Brick Lining can prevent long-term damage and ensure continuous, safe operations.

Key Indicators:

- Use of strong acids, alkalis, or other corrosive chemicals in daily operations
- Visible signs of chemical corrosion on equipment or surfaces
- Increased concern over chemical safety and containment

3. HIGH-TEMPERATURE OPERATIONS

In industrial environments where high temperatures are a factor, traditional corrosion protection methods may not hold up. Thermal stress can cause coatings to degrade and metals to weaken, leading to increased vulnerability to corrosion. Acid Brick Lining maintains its integrity under extreme temperatures, providing consistent protection even in the most challenging conditions. If your facility operates at high temperatures, particularly in areas such as chemical processing plants, power generation facilities, or furnaces, Acid Brick Lining can offer the thermal stability needed to protect your assets.

Key Indicators:

- Operations involving high-temperature processes
- Degradation of existing coatings due to heat exposure
- Concerns about the longevity of current protective methods under heat stress

4. VISIBLE CORROSION & DETERIORATION

One of the most obvious signs that your facility needs Acid Brick Lining is the presence of visible corrosion and deterioration. This may appear as rust, pitting, or cracking on surfaces exposed to corrosive elements. While some degree of wear and tear is expected over time, widespread or rapid deterioration is a red flag that your current protection is insufficient. Acid Brick Lining provides a robust, long-lasting solution that can halt the progression of corrosion, preserving the integrity of your facility's infrastructure.

Key Indicators:

- Rust, pitting, or cracking on metal surfaces
- Discolouration or flaking of protective coatings
- Structural damage due to corrosion

5. REGULATORY COMPLIANCE & SAFETY CONCERNS

In industries where regulatory compliance and safety are paramount, ensuring that your facility meets the highest standards is crucial. Corrosion can compromise safety, leading to leaks, spills, or even catastrophic failures that endanger workers and the environment. Acid Brick Lining not only protects against these risks but also helps your facility meet or exceed industry safety standards. If you are facing increased scrutiny from regulators or are concerned about the safety of your operations, upgrading to Acid Brick Lining can provide the peace of mind that your facility is well-protected.

Key Indicators:

- Concerns about meeting industry safety standards
- Increased regulatory inspections or compliance requirements
- Safety incidents related to corrosion or chemical exposure

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CONCLUSION

Recognising the signs that your facility needs Acid Brick Lining is the first step in protecting your infrastructure from the damaging effects of corrosion.

Whether it is frequent maintenance issues, exposure to aggressive chemicals, high-temperature operations, visible corrosion, or regulatory concerns, Acid Brick Lining offers a reliable, long-term solution. By upgrading to Acid Brick Lining, you can enhance the durability, safety, and efficiency of your operations, ensuring that your facility remains protected for years to come. If any of these signs resonate with your current situation, it is time to consider Acid Brick Lining for your facility.

Contact DGC AFRICA today for A PERSONALISED ASSESSMENT & discover how our Acid Brick Lining solutions can safeguard your industrial assets against corrosion.

