

Coating for Protection Against Corrosion, Abrasion and Chemical Attack



5111



Belzona 5111 (Ceramic Cladding) is a two-component coating designed for the long-term protection of metallic surfaces and masonry against physical, chemical and bacterial attack.

This coating can be both brush- and spray-applied, aiding rapid applications over a large area. In addition, Belzona 5111 provides a seamless and aesthetically-pleasing finish, which is essential when protecting external structural surfaces.

This highly decorative, yet non-toxic surface, is impact and scratch resistant. Furthermore, Belzona 5111 is easy to clean with commonly-used cleaning agents, making it suitable for hygienic environments.

TECHNICAL DATA	Mixing Ratio (Base:Solidifier)	2.25 : 1 by volume	2.5 : 1 by weight
	Working Life	8 hours at 25°C (77°F)	
	Shelf Life	5 years	
	Coverage Rate	Depends on roughness, porosity, profile and nature of the substrate. Refer to IFU for specific substrates.	
	Abrasion Resistance	CS17 - 30 mm ³ dry	
	Heat Resistance	200°C (392°F) dry heat	Not recommended for permanent immersion but satisfactory in splashing and spillage situations up to 60°C (140°F)

CURE TIMES	Product	Belzona 5911	Belzona 5111
	Touch Dry	2 hours	6 hours
	Minimal overcoating time	8 hours	8 hours
	Maximum overcoating time	2 days	2 days
	Full cure	7 days	7 days

*Please consult the Product Specification Sheet (PSS) and Instructions for Use (IFU) for the latest technical data.



**EROSION
RESISTANT**



**CORROSION
RESISTANT**



**ABRASION
RESISTANT**



**BACTERIAL
RESISTANT**



EASY TO CLEAN

Key Benefits:

- Erosion and corrosion resistance

Belzona 5111 offers outstanding erosion and corrosion resistance in harsh environments.

- Brush-and spray-applied

Belzona 5111 can be brush- or spray-applied, which aids rapid application over a large area.

- Excellent bacterial resistance

This coating demonstrates outstanding resistance to bacterial attack as well a wide range of chemicals.

- Easy to clean

This coating has a waterproof and chemically resistant surface making it easy to clean with typical cleaning agents.



Belzona 5111 used for wall protection of a chlorine tank

Application Areas:

- Bridges
- Chutes
- Cooling towers
- Fan blades
- Floors
- Hoppers
- Masonry
- Pipes
- Structural steelwork
- Tanks
- Walls

Before and After:



Pipe before



Pipe after



Wall before



Wall after

For more information, please contact your local Belzona representative:

QUALITY PRODUCTS - TECHNICAL SUPPORT

Belzona products are manufactured under an ISO 9001 Registered Quality Management System.

Belzona has a global distribution network of over 140 Distributors operating in 120 countries. Local support is provided by a trained Technical Consultant who will diagnose the problem, recommend the solution and provide 24-hour, on-site application supervision and advice.