

# Industrial Coating for the Protection of Floor Areas



**BELZONA**  
5231



Belzona 5231 (SG Laminate) is a two-component, liquid-applied coating system, designed for floor areas where chemical, abrasion and slip resistance are required.

This solvent-free material can be easily mixed and applied by roller on a range of surfaces including concrete and steel, and will reduce downtime due to its fast-curing properties. Slip resistance of this system can be improved further by incorporating additional aggregate, making it suitable for both pedestrian and vehicular traffic.

Belzona 5231 reduces health and safety risks due to its positive grip properties. This durable coating is available in a range of colours including dark grey, light grey and bright yellow for improved visibility.

TECHNICAL DATA	Mixing ratio (base:solidifier)	3 : 1 by volume	
	Usable life	60 minutes at 20°C (68°F)	
	Shelf life	5 years	
	Coverage rate	11.3 m <sup>2</sup> (121.6 ft <sup>2</sup> ) / 4 litre at 150 microns (6 mils) per coat, total 300 microns (12 mils)	
	Heat distortion temperature	32°C (90°F) at 20°C (68°F)	
	Abrasion resistance	CS17 - 21 mm <sup>3</sup> dry	
	Adhesion (pull-off) * Cohesive failure of substrate ** Cohesive failure of Belzona 5231	Blasted steel: 22.55 MPa (3,270 psi)**	Dry concrete: 7.24 MPa (1,050 psi)*

CURE TIMES	Temperature	10°C (50°F)	20°C (68°F)	30°C (86°F)
	Light pedestrian traffic or loading	10 hours	5 hours	3 hours
	Full traffic or loading	1 day	10 hours	5 hours
	Chemical contact	7 days	5 days	3 days

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



**CHEMICAL  
RESISTANT**



**ABRASION  
RESISTANT**



**NON-SLIP**



**SEAMLESS FINISH**



**FAST  
CURING**

## Key Benefits:

- **Improved safety**

Belzona 5231 provides a seamless, slip-resistant solution that can reduce slips further by incorporating aggregate.

- **Durable**

Offering outstanding chemical and abrasion resistance, this system protects floors for the long-term.

- **Minimal downtime**

Belzona 5231 is a fast-curing system which allows light pedestrian traffic after four hours, reducing downtime.

- **Easy to use**

This solvent-free system is easy to mix and apply by roller, without the need for hot work or specialist tools.



Dairy warehouse floor restored with Belzona 5231

## Application Areas:

- Bridges
- Educational facilities
- Hospitals
- Industrial utilities
- Kitchens
- Leisure facilities
- Manufacturing plants
- Markets
- Processing areas
- Storage facilities
- Transport depots
- Workshops

## Before and After:



Concrete floor before



Concrete floor after



Tiled floor before



Tiled floor 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.