

# High Performance Resurfacing Screed

  
**BELZONA®**  
**4131**



Belzona 4131 (Magma-Screed) is a two-component system for the repair and resurfacing of concrete and stonework.

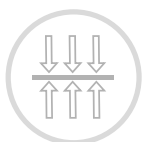
The high performance, non-porous resurfacing material provides excellent protection against the effects of abrasion, impact, vibration and chemical attack.

Belzona 4131 can be applied to a wide range of substrates without the need for specialist tools. This multi-purpose material will also provide a seamless finish.

TECHNICAL DATA	Mixing ratio (base:solidifier)	30 : 1 by weight	
	Working life	30 minutes at 25°C (77°F)	
	Shelf life	5 years	
	Heat resistance	150°C (300°F) dry	60°C (140°F) wet
	Adhesion (pull-off) * cohesive failure of substrate	Dry concrete: 4.14 MPa (600 psi)*	Wet concrete: 2.93 MPa (425 psi)*
	Compressive strength	72.39 MPa (10,500 psi)	
	Volume capacity	8,590 cm <sup>3</sup> (524 in <sup>3</sup> ) / 20 kg	
	Heat distortion temperature	38°C (100°F)	
	Abrasion resistance	H10 - 685 mm <sup>3</sup> wet	
	Coverage rate	1.4 m <sup>2</sup> (15 ft <sup>2</sup> ) / 20 kg at 6 mm (¼in)	

CURE TIMES	Temperature	5°C (41°F)	15°C (59°F)	25°C (77°F)
	To resist pedestrian traffic	16 hours	9 hours	6 hours
	Full load bearing capability	5 days	3 days	1 day
	Full chemical resistance	18 days	12 days	7 days

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



**EXCELLENT  
COMPRESSIVE  
STRENGTH**



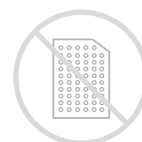
**CHEMICAL  
RESISTANCE**



**EASY TO APPLY**



**EASY TO CLEAN**



**NON POROUS**

## Key Benefits:

### ● Good chemical resistance

Belzona 4131 demonstrates excellent chemical resistance to most inorganic acids (up to 10% concentration) and alkalis (up to 20% concentration).

### ● Hygienic solution

The material provides a hygienic surface which is easy to clean either by hosing, steam cleaning or mechanical scrubbing. It does not taint foodstuff and meets the United States Department of Agriculture (USDA) requirements for incidental food contact.

### ● Outstanding environmental protection

This water and weatherproof solution will not expand, contract or distort. Additionally, it is resistant to UV exposure, further extending its longevity.

### ● Durable results

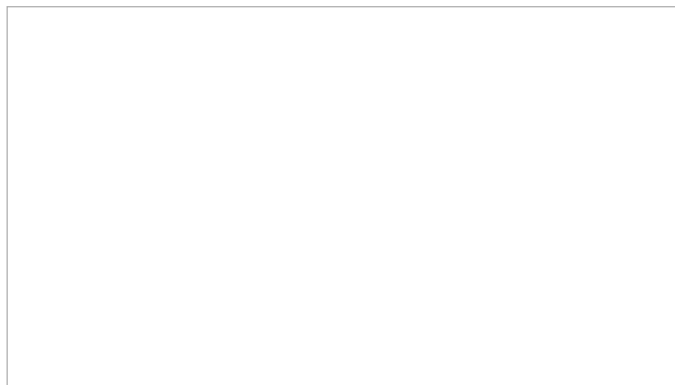
The mechanical properties of Belzona 4131 are far superior to concrete. It provides both high abrasion resistance and exceptional compressive strength.

## Application areas:

- Aisles
- Chemical storage areas
- Floors
- Loading docks
- Machinery/production areas
- Ramps
- Stairways
- Steps
- Walkways



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.