

Safety Surfacing, Positive Grip System



Belzona 4411 (Granogrip) is a hard-wearing safety grip system which creates a durable, slip-resistant surface.

In conjunction with a Belzona aggregate, this solvent-free material is ideal for areas where slip reduction or wear resistance are required. Unlike adhesive strips, which can easily wear away, Belzona 4411 is designed as a long-term solution, reducing the potential for accidents.

It exhibits exceptional adhesion to a variety of surfaces, including steel, concrete, tiles and wood. Belzona 4411 is available in grey and safety yellow, aiding visibility in working environments.

TECHNICAL DATA	Mixing ratio (base:solidifier)	2 : 1 by volume	2.5 : 1 by weight
	Working life	30 minutes at 25°C (77°F)	
	Shelf life	5 years	
	Dry heat resistance	200°C (392°F)	
	Adhesion (tensile shear)	Mild steel: 24.1 MPa (3,500 psi)	
	Coverage rate	1.25-2.3 m ² (13.7-25 ft ²) / 800 g	
	Volume capacity	713 cm ³ (43 in ³) / 800 g	
	Compressive strength	52.4 MPa (7,600 psi)	
	Adhesion (pull off) *substrate failure	Dry concrete: 6.41 MPa (930 psi)*	Damp concrete: 7.17 MPa (1,040 psi)*
	Heat distortion temperature	43°C (109°F)	

CURE TIMES	Temperature	5°C (41°F)	15°C (59°F)	25°C (77°F)	30°C (86°F)
	Light pedestrian loading	1 day	9 hours	4 hours	3 hours
	Vehicular traffic	4 days	2 days	1 day	12 hours
	Chemical contact	10 days	6 days	3 days	2 days

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



NON-SLIP



ABRASION RESISTANT



HIGH VISIBILITY



EXCELLENT ADHESION



EASY TO APPLY

Key Benefits:

- Slip resistant

This durable, non-slip system reduces the potential for accidents in the long term.

- High visibility

Belzona 4411 is available in both grey and safety yellow, ensuring high visibility where required.

- Excellent adhesion

Demonstrating excellent adhesion, this hard-wearing grip system does not peel or wear away unlike adhesive strips.

- Easy to apply

This system is easily brush-applied without the need for hot work or specialist tools.



Close-up of Belzona 4411 after over one year in service

Application Areas:

- Building entrances
- Concrete floors
- Decking
- Ladder rungs
- Loading docks
- Ramps
- Safety markings
- Shower / pool areas
- Stairs
- Tank roofs
- Tiled floors
- Walkways

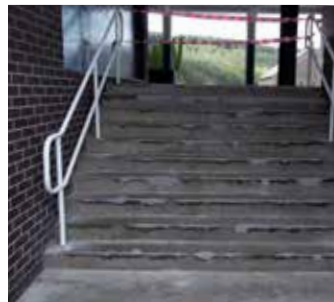
Before and After:



Metal stairs before



Metal stairs after

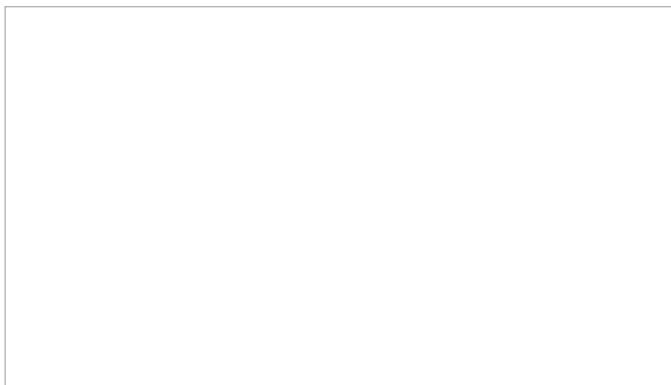


Concrete stairs before



Concrete stairs 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.