

Superior Pourable Chocking, Backing and Leveling Compound

Belzona 7111 Marine Grade has been developed to withstand the harsh physical and thermal shock of the marine environment.

It is ideal for pouring foundations for heavy ship propulsion systems and other heavy equipment where alignment and anchorage are essential.

Features

- Pressure, impact and vibration resistant
- Provides precise equipment alignment
- Dampens machine noise and vibration
- Prevents loosening of threaded bolts
- High load-bearing capacity is achieved for the structure
- Reduced installation time
- Does not require heat or special tools

Applications

- Propulsion and auxiliary machinery
- Pumps
- Generators
- Compressors
- Reduction gears
- Crane rails
- Stern tube and strut bearings
- Pintle and rudder bearings
- Stern winches



Technical Data

Mixing Ratio (Base:Solidifier) 14.5:1 by weight	Density 1.51 g/cm ³
Cure Times 60°F/15°C 48 hours 68°F/20°C 24 hours 86°F/30°C 12 hours	Unit Size Base 6.50 kg Solidifier 0.45 kg Base + Solidifier 6.95 kg
Gel Time 45 Minutes	Shelf Life 3 Years
Volume Capacity 266 in ³ (4360 cm ³) per 6.95 kg unit	Available Colors Marine Grade Orange Industrial Grade Grey
Compressive Yield Strength 14930 psi (102.9 MPa)	Compressive Modulus 5.75x10 ⁵ psi (3964 MPa)
Tensile Strength 6410 psi (44.2 MPa)	Flexural Strength 9580 psi (66.1 MPa)
Flexural Modulus 9.94x10 ⁵ psi (6853 MPa)	Shear Strength 6590 psi (45.4 MPa)

Technical data quoted is tested in accordance with the following standards:

Compressive properties
ASTM D695

Tensile Properties
ASTM D638

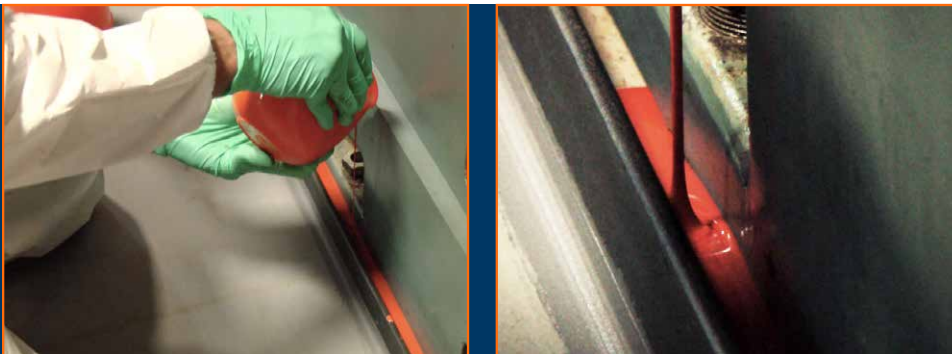
Flexural Properties
ASTM D790

Shear Properties
ASTM D732

Gelation Time
BS 5350-B5

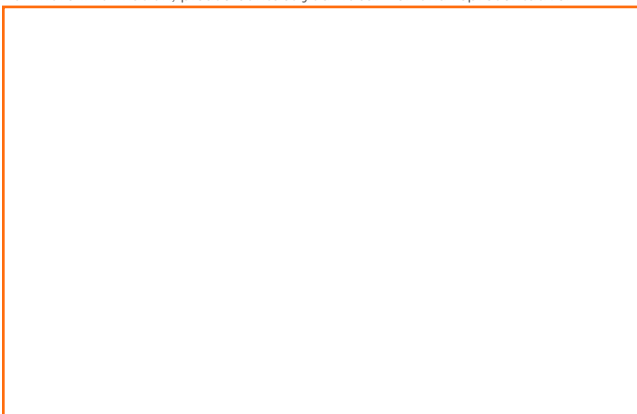
Testing is carried out at ambient temperatures of 20 °C (68 °F), following a 7 day cure at the same conditions, unless otherwise stated.

* Please refer to Belzona 7111 Instructions for Use and Product Specification Sheet for more details.



Belzona 7111 can be poured easily without the need of additional resin and the risk of particles settling prior to its cure time.

For more information, please contact your local Belzona representative:



QUALITY PRODUCTS - TECHNICAL SUPPORT

The Belzona product range is manufactured through stringent quality and environmental control guidelines complying with the internationally recognized requirements of ISO 9001:2008 and ISO 14001:2004.

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.

Belzona products are manufactured under an ISO 9000 Registered Quality Management System

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