

Belzona Launches New Pourable Chocking Compound

Designed to endure the physical and thermal shock common to the marine environment, the new chocking/grouting compound is specifically formulated to spread out evenly across irregular surfaces. More importantly, unlike similar liquid applied chocking systems, Belzona 7111 can be stored and has currently been tested to confirm a three year shelf life. The recommended shelf life is expected to increase to five years when the testing is concluded.



Belzona 7111 application demonstration

Belzona 7111 is reported to be ideal for pouring foundations for heavy ship propulsion systems and other heavy equipment where alignment and anchorage are essential. Since machining of foundations is not required, the cost and time for machinery installation can be reduced significantly.

The system is 100% solids, therefore it will not shrink during cure and possesses self-leveling properties, facilitating quick and simple application. Excellent load bearing capability is demonstrated by a comparably high compressive strength. Tested in accordance with ASTM D695, compressive yield strength measures at 14930 psi (102.9 MPa) and compressive modulus at 5.75×10^5 psi (3964 MPa). Available in grey or orange, Belzona 7111 features high creep, corrosion and vibration resistance, ensuring lasting performance under various service conditions.

The American Bureau of Shipping (ABS) has approved Belzona 7111 for marine applications such as chocking, backing and leveling in engines, pumps, generators, compressors, reduction gears, bearing blocks, crane rails and other machinery. Dr. Xi Chen, Belzona Vice President of Research and Development said, "This ABS approval is a significant testimony that Belzona 7111 meets the highest quality and performance standards set forth by the Marine Industry." This material has also been approved to be used in constructions built under the Lloyd's Register's survey.

Belzona 7111 does not require hot work or specialist tools during application and once cured exhibits high load-bearing capacity while providing precise equipment alignment. The system dampens machine noise and vibration as well as prevents loosening of threaded bolts. Substantial marine and onshore projects utilising this newly introduced chocking system are currently being secured as a result of these application and in-service features.

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To see Belzona 7111 in action and for more information visit belzona.com/7111



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Notes to Editor;

About Belzona:

- Established in 1952, Belzona has pioneered innovative polymer technology that has revolutionised industrial repair and maintenance procedures.
- Belzona is a leading company in the design and manufacture of polymer repair composites and industrial protective coatings for the repair, protection and improvement of machinery, equipment, buildings and structures.
- At Harrogate, the full Belzona product range is manufactured to stringent quality and environmental control guidelines complying with the requirements of ISO 9001:2008 and ISO 14001:2004.
- Belzona has over 140 Distributors in more than 120 countries ensuring not only the availability of Belzona materials, but also specification support, project management, application and supervision services. Distributorships and their teams are supported by Belzona Corporate offices in Europe, North America and Asia.

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- Do you have an upcoming topic that we could contribute an editorial on? Please let us know the topic, preferable length and the material submission deadline.

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