

Belzona SuperWrap II

ISO/ASME compliant composite repair solution for restoring strength to pipes and tank walls.



Belzona 1981

Low-temperature resin for application temperatures of 5°C (41°F) - 20°C (68°F) and operating temperatures up to 60°C (140°F).



Belzona 1982

Extended working life resin for application temperatures of 20°C (68°F) - 40°C (104°F) and operating temperatures up to 80°C (176°F).



Belzona 1983

High-temperature resin for application temperatures of 5°C (41°F) - 40°C (104°F) and operating temperatures up to 150°C (302°F).



Belzona 1984

Surface tolerant resin for service temperatures up to 50 °C (122 °F) and suitable for minimum application temperature of 5 °C (41 °F).

Belzona SuperWrap II is a superior maintenance solution for restoring the strength of pipes and tank walls. The system consists of a bespoke hybrid reinforcement sheet, a release film to compact and consolidate the application, and a fluid-grade resin system available in four grades for different service temperatures (listed below).

The system can be designed and applied in accordance with ISO 24817 and ASME PCC-2 standards and applied by trained and validated personnel. Specifically developed for service in safety-critical and high-pressure environments, and suitable for bonding to complex pipe geometries, repairs can ensure maintenance-free service for up to 20 years.

SuperWrap II Selection Guide	Belzona 1981	Belzona 1982	Belzona 1983	Belzona 1984
ASME PCC2/ISO 24817 compliant repair	•	•	•	•
Compliant on grit blasted surface	•	•	•	
Compliant on SSPC-SP11 prepared surfaces	•	•		•
Compliant on mild steel	•	•	•	•
Compliant on stainless steel	•	•		
Applicable for patch repairs	•	•	•	•
Designed for applications in colder climates	•			•
Extended working life for applications in higher ambient temperatures		•		•
For assets operating in high-temperature service			•	
Designed to be applied directly to damp, wet and underwater surfaces				•
Maximum temperature service for compliance	60°C (140°F)	80°C (176°F)	150°C (302°F)	50°C (122°F)

*All properties are to be used as a guide only. Please check the IFU and PSS for specific information.

Belzona Composite Pad

The Belzona Composite Pad is specially designed to facilitate the fast and simple in-situ repair of through-wall and thin-wall defects on pipes and tank walls. It is a reliable alternative to welding and mitigates the need to replace defective metallic substrates, whilst providing superior strength, chemical and corrosion resistance.

