

Coatings & Linings for Immersion at High-Temperature $\geq 60^{\circ}\text{C}$

For the protection of equipment under immersion at high-temperature.

For assets operating in temperatures greater than or equal to 60°C (140°F), Belzona's coatings and linings offer protection against erosion-corrosion and aggressive chemicals.

Protection from these processes can play a vital role in extending equipment service life by avoiding its unnecessary replacement. This can contribute to cutting costs and maximising profits.

These cold-curing solutions can be easily applied in-situ, while several products can be applied using an airless heated sprayer for bulk applications.



Belzona 1381

Sprayable, erosion-corrosion-resistant epoxy coating with ultra-high molecular weight polymer fillers for immersion up to 95°C (203°F).



Belzona 1391S

Spray-applied, high-temperature epoxy coating for erosion-corrosion protection under immersion up to 110°C (230°F).



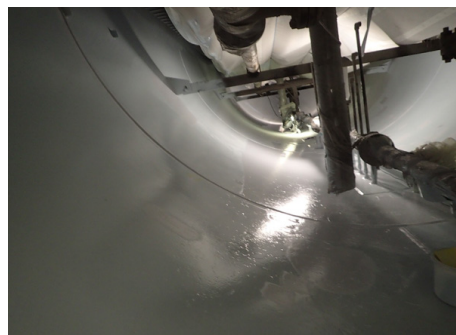
Belzona 1391T

Hand-applied, high-temperature, abrasion-resistant epoxy coating for erosion-corrosion protection under immersion up to 130°C (266°F).



Belzona 1392 (Ceramic HT2)

Erosion, corrosion, chemical and acid-resistant coating for high-temperature equipment operating under immersion up to 120°C (248°F).



Belzona 1523

Spray-applied epoxy coating for protecting immersed surfaces up to 140°C (284°F).



Belzona 1593

Hand-applied epoxy coating for protecting immersed surfaces up to 160°C (320°F).



Belzona 5892

Epoxy barrier coating suitable for surfaces in contact with aqueous solutions at temperatures up to 95°C (203°F).

Product Selection Guide	Belzona 1381	Belzona 1391S	Belzona 1391T	Belzona 1392	Belzona 1523	Belzona 1593	Belzona 5892
Suitable for HV DC spark testing	•	•	•		•	•	•
24-hour overcoat window	•	•	•		•	•	•
Optimised for erosion resistance	•	•	•	•			
Ceramic-filled			•	•			
Enhanced chemical resistance				•		•	
Approved for drinking water							•
Approved for FDA		•	•				•
Sprayable	•	•			•		•
Suitable for high film thickness	•						
Optimised for casting and injection				•			•
Tested for steam out resistance	•	•	•	•	•	•	•
Tested for explosive decompression	•	•	•	•	•	•	•
Maximum continuous immersion temperature	95°C (203°F)	110°C (230°F)	130°C (266°F)	120°C (248°F)	140°C (284°F)	160°C (320°F)	95°C (203°F)

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