

Moisture-Tolerant Barrier Coating for Application onto Hot Surfaces



5851



Belzona 5851 (HA-Barrier) is a moisture-tolerant barrier coating for the protection of metallic and non-metallic surfaces.

It has been specifically formulated for application to manually-prepared surfaces that cannot be dry for application. This material displaces contaminants from the surface ensuring maximum adhesion to damp, wet or oily surfaces and even underwater.

This solvent-free material is designed for application onto equipment operating in elevated temperature service up to 150°C (302°F).

TECHNICAL DATA	Working life	Unlimited - cure will not commence until product is heated
	Heat resistance	150°C (302°F)
	Shelf life	2 years
	Coverage rate	2.4 m ² (25 ft ²) / 1 kg at 200 microns (8 mils) per coat
	Volume capacity	476 cm ³ (29 in ³) / 1 kg
	Heat distortion temperature	127°C (260°F) after 7 days cure at 100°C (212°F)

CURE TIMES	Temperature	90°C (194°F)	100°C (212°F)	120°C (248°F)
	Touch dry/Light loading	4 hours	2 hours	30 mins
	Full cure	3 days	2 days	1 day

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



SURFACE TOLERANT



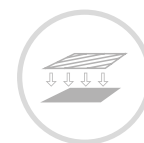
CHEMICAL RESISTANT



HIGH TEMP CURE



CORROSION RESISTANT



BONDS TO MANY SUBSTRATES

Key Benefits:

- **Versatile material**

Can be brush-applied onto manually-prepared wet, damp and oil-contaminated surfaces.

- **Lasting protection**

Continuous protection with excellent chemical, impact and abrasion resistance.

- **System for varied temperature service**

Can be applied overlapping with Belzona 5831 and Belzona 5851 to cover the range of service temperatures between 10°C/50°F and 150°C/302°F.



Belzona 5851 used for pipe corrosion protection

Application Areas:

- Absorbers
- Columns
- District heating
- Evaporators
- Flare drums
- Heat exchangers
- Hot wells
- Nozzles
- Pipework
- Scrubbers
- Strippers
- Vessels

Before & 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.