

# Barrier Coating for Application onto Hot Surfaces



# 5841



Two-component Belzona 5841 is a barrier coating for the protection of metallic surfaces.

It has been specifically formulated for application to manually prepared surfaces on equipment which cannot be taken out of service.

This solvent-free material is designed for direct application onto equipment operating in elevated temperature service (30-80°C / 86-176°F).

TECHNICAL DATA	Mixing ratio (Base : Solidifier)	4 : 1 by volume	8.5 : 1 by weight
	Working life	60 minutes at 20°C (68°F)	
	Shelf life	5 years	
	Adhesion (Tensile shear)	Grit blasted / ground steel: 24.1 MPa (3,500 psi)	
	Adhesion (pull-off)	Grit blasted / ground steel: 12.4 MPa (1,800 psi)	Rusty steel prepared to ISO 8501-1 St 3: 9.65 MPa (1,400 psi)
	Heat distortion temperature	95°C (203°F) after 7 days cure at 80°C (176°F)	51°C (123°F) after 7 days cure at 20°C (68°F)

CURE TIMES	Temperature	30°C (86°F)	50°C (122°F)	80°C (176°F)
	Touch dry/light loading	2½ hours	1 hour	20 mins
	Full cure	24 hours	16 hours	8 hours

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



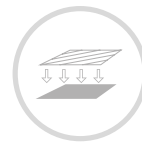
EASY TO APPLY



HIGH TEMP  
CURE



CORROSION  
RESISTANT



TOLERANT  
TO SURFACE  
PREPARATION

## Key Benefits:

- **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.

- **Easy to Apply**

Specialist tools are not required to apply Belzona 5841. It is also tolerant to surface preparation.



Belzona 5841 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.