

Belzona Flange Face Forming Kit

All the necessary accessories at hand for in-situ flange face repair and protection

Corrosive fluids, crevice corrosion, bimetallic corrosion and steam can result in the deterioration and subsequent leaking of flange faces. If a minor leak is not addressed at an early stage, it can rapidly develop into a larger loss of containment. This will ultimately result in downtime, health and safety hazards, and costly repair and replacement.

The conventional cut and weld methods involve hot work and require replacement flanges which may not be available in emergency situations, especially in areas with limited access such as off-shore platforms. Keeping all the necessary equipment at hand to carry out in-place flange face forming repairs with Belzona repair composites can be a simple and cost-effective way to solve this problem.

The Belzona Flange Face Forming Kit includes all the equipment* required to effectively complete a Belzona flange face forming repair, eliminating the need for spare flanges of multiple sizes, saving time on sourcing separate flange formers and avoiding hot work. It contains 6 reusable plastic formers to repair the most common flange sizes found in the industry, as well as other necessary application tools for a quick and easy repair.

* Belzona materials to be purchased separately



Application Areas for Belzona Flange Face Forming Kit:

- Restoring damaged flange faces
- Corrosion protection for old and new flange faces
- Isolation of dissimilar metals from forming corrosion cells
- Can be used in conjunction with Belzona nozzle insert and the vessel lining solutions to form a continuous internal lining film terminated outside the process environment

Key Benefits of Belzona Flange Face Forming Kit:



Simple to use

With all necessary accessories to hand and combined with easily applied Belzona repair materials, the Flange Face Forming Kit allows simple and cost-effective flange face repairs.



Reusable

Each flange face former can be used hundreds of times and if a former gets damaged it can be easily replaced as a spare part.



No hot work

The Flange Face Forming Kit is used in conjunction with Belzona's cold repair technology materials, avoiding hot work problems involved in conventional cut and weld methods.



Light weight

The light weight of the Flange Face Forming Kit allows easy transportation for emergency situations and areas with limited access.



Minimised downtime

The Flange Face Forming Kit eliminates the need for replacement parts significantly reducing downtime. Emergency repairs can be completed in-place with minimal disruption to daily operations.

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Most common pipe schedules that can be repaired with Belzona Flange Face Forming Kit

Nominal pipe size	Pipe schedule					Recommended former schedule
2" (5.1cm)	STD	40	80	XS	120	XS
3" (7.6cm)						
4" (10.2cm)						
2" (5.1cm)	160			XXS		XXS
3" (7.6cm)						
4" (10.2cm)						



Flange Face Forming Kit Contents:

- Belzona flange face former 2" SCH XXS
- Belzona flange face former 2" SCH XS
- Belzona flange face former 3" SCH XXS
- Belzona flange face former 3" SCH XS
- Belzona flange face former 4" SCH XXS
- Belzona flange face former 4" SCH XS
- 1" Brush (x6)
- Piping bag (x6)
- Belzona large plastic spatula (x6)
- Gloves
- Belzona disposable working surface
- Masking tape
- Jacking bolt (x12)
- 16mm nut and bolt assembly (x8)
- 20mm nut and bolt assembly (x8)
- 24mm combination spanner
- 30mm combination spanner
- Set of 6 Belzona applicators (2" SCH XS, 2" SCH XXS, 3" SCH XS, 3" SCH XXS, 4" SCH XS, 4" SCH XXS)
- Scissors
- Belzona Flange Face Forming Kit case
- Belzona Flange Face Forming DVD and memory stick containing supplementary documentation

For more information, please contact your local Belzona representative:

QUALITY PRODUCTS - TECHNICAL SUPPORT
The Belzona product range is manufactured through stringent quality and environmental control guidelines complying with the internationally recognised requirements of ISO 9001:2008 and ISO 14001:2004.

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.



Belzona products are manufactured under an ISO 9000 Registered Quality Management System