

Belzona 8411

FN10154



INSTRUCTIONS FOR USE

Belzona® 8411 is a chlorine free system used to provide protection to metal substrates exposed to low-level corrosion (e.g. in workshop environments).

Belzona® 8411 can be applied by spraying from conventional or airless spray equipment, dipping, or brushing.

Belzona® 8411 is also available with a non-pressurised spray pump. The top of the container is first removed and the seal punctured. The spray pump is screwed on and the **Belzona® 8411** can then be sprayed by pumping the trigger. The jet can be adjusted using the nozzle regulator.

FOR BEST RESULTS

Do not apply Belzona 8411 when:

- (i) Rain, snow, fog or mist is present.
- (ii) Surface temperature is below 41°F (5°C).
- (iii) There is moisture on the metal surface or is likely to be deposited by subsequent condensation.
- (iv) The working environment is likely to be contaminated by oil/grease from adjacent equipment or smoke from kerosene heaters or tobacco smoking.

SURFACE PREPARATION

1. Remove any oil or grease contamination using **Belzona® 9111** (cleaner/degreaser) or any other effective cleaner which does not leave a residue e.g. methyl ethyl ketone (MEK).
2. Soluble salts should be removed by washing with water.
3. Remove all loose rust to leave a bright metal substrate.

APPLICATION

1. Shake the **Belzona® 8411** container before use.
2. Spray or brush the **Belzona® 8411** onto the surface taking care that the material penetrates any irregularities in the surface.
3. Parts to be treated can also be dipped into a bath of **Belzona® 8411**.

Surfaces less than 41°F (5°C) should always be warmed before using **Belzona® 8411**.

DRYING TIMES

Drying times as indicated in the table below are dependent on the thickness of **Belzona® 8411** applied and air movement, as well as the temperature of the substrate. They may be significantly extended where a thick layer is applied to a cold substrate in still conditions.

Temperature	41°F (5°C)	68°F (20°C)	104°F (40°C)
Touch dry time	2 hours	1 hour	30 min

COVERAGE RATE

Apply **Belzona® 8411** to give a coverage rate of approximately 86 ft²/litre (8.0 m²/litre) at 5 mil (125 microns) wet film thickness on smooth steel substrates. On rough or irregular surfaces, this coverage rate could be reduced by as much as 50%.

REMOVAL OF BELZONA® 8411

If necessary, e.g. where a clean surface is required, the dry film of **Belzona® 8411** can be removed by wiping the surface with a rag soaked in a suitable solvent such as **Belzona® 9111**, **Belzona® 9121**, white spirit, MEK or other suitable solvent. Brushes or other application tools should be cleaned using the same solvents listed above.

TECHNICAL DATA

CLOSED CUP FLASH POINT

32°C (90°F)

VOC (ASTM D2369 / EPA ref. 24)

57.62% / 489.77g/L

HEALTH & SAFETY INFORMATION

Please read and make sure you understand the relevant Safety Data Sheets.

The technical data contained herein is based on the results of long term tests carried out in our laboratories and to the best of our knowledge is true and accurate on the date of publication. It is however subject to change without prior notice and the user should contact Belzona to verify the technical data is correct before specifying or ordering. No guarantee of accuracy is given or implied. We assume no responsibility for rates of coverage, performance or injury resulting from use. Liability, if any, is limited to the replacement of products. No other warranty or guarantee of any kind is made by Belzona, express or implied, whether statutory, by operation of law or otherwise, including merchantability or fitness for a particular purpose.

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