

PRODUCT SPECIFICATION SHEET

BELZONA 3921

FN10068



GENERAL INFORMATION

Product Description:

A two part reduced zinc epoxy system providing adhesion to a wide range of non-porous surfaces. Part of the **Belzona 3111** and **Belzona 3211** system when application is to non-porous surfaces. Also used as a holding primer on steel prior to application of coatings such as **Belzona 5811**.

Application Areas:

When mixed and applied as detailed in the Belzona Instructions for Use (IFU), the system is ideally suited for use on the following:

- Iron/steel
- Slate
- Galvanized steel
- Glass
- Non-ferrous metals
- GRP/FRP

APPLICATION INFORMATION

Working Life

Once mixed the usable life will be 24 hours between 50°F (10°C) and 86°F (30°C).

Coverage Rate

The practical recommended coverage rates are as follows:

| Substrate | Coverage rate |
|---------------------------------|------------------------------------|
| Iron / Steel | 45 sq.ft. (4.2 m ²)/kg |
| Galvanized Steel | 54 sq.ft. (5.0 m ²)/kg |
| Non-ferrous metals | 60 sq.ft. (5.6 m ²)/kg |
| Slate | 38 sq.ft. (3.5 m ²)/kg |
| Glass | 60 sq.ft. (5.6 m ²)/kg |
| Painted surfaces | 60 sq.ft. (5.6 m ²)/kg |
| Synthetic polymer roof sheeting | 60 sq.ft. (5.6 m ²)/kg |

VOC Content

| | lbs/US gal | g/litre |
|------------|------------|---------|
| Base | 3.81 | 456 |
| Solidifier | 4.91 | 587 |
| Mixed | 4.05 | 485 |

Overcoating Times

See individual product Instructions For Use leaflet for information on overcoating times

Base Component

| | |
|------------|-------------------------------|
| Appearance | Semi-thixotropic liquid |
| Colour | Grey |
| Odour | Solvent |
| Viscosity | 9 - 11 poise |
| Density | 2.62 - 2.66 g/cm ³ |

Solidifier Component

| | |
|----------------------|-------------------------------|
| Appearance | Mobile liquid |
| Colour | Amber |
| Odour | Solvent |
| Density | 0.90 - 0.94 g/cm ³ |
| Viscosity (flow cup) | 55 - 85 sec. 77°F (25°C) |

Mixed Properties

| | |
|--|------------------------|
| Mixing Ratio by Volume (Base : Solidifier) | 3.5 : 1 |
| Mixing Ratio by Weight (Base : Solidifier) | 10 : 1 |
| Density | 2.26 g/cm ³ |
| Appearance | Liquid |
| Colour | Grey |
| Odour | Solvent |

The above application information serves as introductory guide only. For full application details including the recommended application procedure/technique, refer to the Belzona IFU which is enclosed with each packaged product.

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ADHESION

Cross Hatch
When tested in accordance with BS 3900 Part E6 a 100% pass is obtained.

CHEMICAL RESISTANCE

If the **Belzona 3921** system is likely to come into contact with aggressive chemicals, **Belzona 5111** or **Belzona 5811** should be used to overcoat the **Belzona 3921**.

For further details contact your Local Belzona Technical Consultant.

IMPACT RESISTANCE

When tested in accordance with ASTM D2794 the falling weight impact resistance is typically:

> 78 inch.lbs

SHELF LIFE

Separate base and solidifier components shall have a shelf life of 5 years from date of manufacture when stored in their original unopened containers between 32°F (0°C) and 86°F (30°C).

WARRANTY

This product will meet the performance claims stated herein when material is stored and used as instructed in the Belzona Information For Use leaflet. Belzona ensures that all its products are carefully manufactured to ensure the highest quality possible and are tested strictly in accordance with universally recognized standards (ASTM, ANSI, BS, DIN, ISO, etc.). Since Belzona has no control over the use of the product described herein, no warranty for any application can be given.

AVAILABILITY AND COST

Belzona 3921 is available from a network of Belzona Distributors throughout the world for prompt delivery to the application site. For information, consult the Belzona Distributor in your area.

MANUFACTURER / SUPPLIER

Belzona Limited,
Claro Road, Harrogate,
HG1 4DS, UK

Belzona Inc.
14300 NW 60th Ave,
Miami Lakes, FL, 33014, USA

HEALTH AND SAFETY

Prior to using this material, please consult the relevant Safety Data Sheets.

TECHNICAL SERVICE

Complete technical assistance is available and includes fully trained Technical Consultants, technical service personnel and fully staffed research, development and quality control laboratories.

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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