BELZONA 3921
FN10068

Product Specification Sheet

1. PRODUCT NAME
Belzona® 3921
(GSC Surface Conditioner)

2. MANUFACTURER
Belzona Inc.,
2000 NW 88th Court,
Miami, Florida 33172.

Belzona Polymerics Ltd.,
Claro Road, Harrogate,
HG1 4DS, England.

3. PRODUCT DESCRIPTION
A two part reduced zinc epoxy system providing corrosion protection to steelwork. Adheres to a wide range of nonporous 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.**

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

4. TECHNICAL DATA
Base Component

Appearance	Semi-thixotropic liquid
Color	Gray
Odor	Solvent
Viscosity	9 - 11 poise
Density	2.62 - 2.66 g/cm³

Solidifier Component

Appearance	Mobile liquid
Color	Amber
Odor	Solvent
Density	0.90 - 0.94 g/cm³
Viscosity (flow cup)	55 - 85 sec. 77°F (25°C)

Mixed Components

Mixing Ratio by Volume (Base : Solidifier)	3.5 : 1
Mixing Ratio by Weight (Base : Solidifier)	10 : 1
Density	2.26 g/cm³
Appearance	Liquid
Color	Gray
Odor	Solvent

• VOC Content:

	lbs/US gal	g/liter
Base	3.81	456
Solidifier	4.91	587
Mixed	4.05	485

• Shelf Life:
Separate base and solidifier components will have a guaranteed minimum shelf life of 3 years when stored between 32°F (0°C) and 86°F (30°C).

• 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 m²)/kg
Galvanized Steel	54 sq.ft. (5.0 m²)/kg
Non-ferrous metals	60 sq.ft. (5.6 m²)/kg
Slate	38 sq.ft. (3.5 m²)/kg
Glass	60 sq.ft. (5.6 m²)/kg
Painted surfaces	60 sq.ft. (5.6 m²)/kg
Synthetic polymer roof sheeting	60 sq.ft. (5.6 m²)/kg

• Overcoating Times:
See individual product Instructions For Use leaflet for information on overcoating times.

5. PHYSICAL/MECHANICAL PROPERTIES
Determined after 7 days cure at 77°F (25°C).

• 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

6. SURFACE PREPARATION AND APPLICATION PROCEDURES

For proper technique, refer to Belzona® Instructions For Use Leaflet which is enclosed with each packaged product.

7. 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.

8. WARRANTY

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

9. TECHNICAL SERVICES

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

10. HEALTH AND SAFETY

Prior to using this material, please consult the relevant Material 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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Repair • Protect • Improve

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