

Belzona 5233

(Clear)

FN10191



INSTRUCTIONS FOR USE

1. TO ENSURE AN EFFECTIVE MOLECULAR WELD

Belzona® 5233-Clear has been designed to be applied:

- In conjunction with a first coat e.g. (Belzona® 5231 or Belzona® 5811) and coloured quartz aggregate or vinyl chips to form a multi-layer, versatile, and UV resistant floor protective coating.
- Directly as a sealer coat for concrete.

Any substrate to which Belzona® 5233-Clear is to be applied must be clean, firm and dry.

Concrete

Remove all paint, tar and any other coatings.

Wash old concrete down to detergent to remove oil, grease and dust. Use clean water to wash away the detergent.

Allow new concrete to cure for a minimum of 28 days or until the moisture content is below 6% using a Protimeter.

Blast clean, or mechanically scarify the surface to remove all loose material and surface laitance.

2. COMBINING THE REACTIVE COMPONENTS

Transfer the entire contents of Belzona® 5233-Clear Solidifier container to the Base container. Mix thoroughly until a homogeneous mix is achieved.

NOTES:

- A slow speed mechanical paddle mixer may be used, but high speed mixers should not be used as excess air may be incorporated.

WORKING LIFE

The working life at a temperature range of 50-104°F (10-40°C) will typically be 1 hour.

MIXING SMALL QUANTITIES

Belzona® 5233-Clear:

3.3 parts Base : 1 part Solidifier by weight

3.7 parts Base : 1 part Solidifier by volume

3. APPLYING BELZONA® 5233-CLEAR

FOR BEST RESULTS

Do not apply when:

- The temperature is below 50°F (10°C) or the relative humidity is above 90%.
- Rain, snow, fog or mist is present.
- The working environment is likely to be contaminated by oil/grease from adjacent equipment or smoke from kerosene heaters or tobacco smoking.

3.1 Applying Belzona® 5233-Clear as a top coat for a multi-layer system:

A typical application may include the following:

- Apply first coat e.g. Belzona® 5231 or Belzona® 5811** at a recommended thickness of 10 mils (250 microns) wet film thickness to provide proper adhesion of the aggregate. Refer to the relevant IFU for application details.
- Applying Aggregate or Vinyl Flake**
Immediately after application of first layer (a) and **while it is still wet**, liberally apply the aggregate or flake to rejection by hand or any suitable spreader. Force down the flakes with a clean and dry roller to level the surface and bind the flake into the first coat.
After first coat has cured, remove the excess aggregate by vacuuming or blowing. The extra aggregate can be recycled and reused. There may be undulations on the surface that need to be addressed. This can be completed by lightly scraping the surface to get an even surface.
- Applying Belzona® 5233-Clear**
After removing the excess of aggregate, Belzona® 5233-Clear can be applied by a short or medium nap roller or brush. See coverage rates in Section 4.

3.2 Applying Belzona® 5233-Clear directly on concrete:

Belzona® 5233-Clear can be directly applied on concrete surface as a protective sealer. See coverage rates in Section 4.

CLEANING

Equipment or any other application tools should be cleaned using water to remove uncured products.

4. BELZONA® 5233-CLEAR COVERAGE RATES

At a target thickness of 5 mils (125 microns) (wet) per coat, the theoretical coverage rate will be 86 ft²/L(8.0m²/L). Porosity and surface roughness will affect practical coverage rate. For porous and uneven and rough surfaces, the practical coverage rate will be reduced.

Where an additional coat of **Belzona® 5233-Clear** is required, the product has a maximum overcoating time of 24 hours, irrespective of temperature.

5. COMPLETION OF THE MOLECULAR REACTION

Allow **Belzona® 5233-Clear** to solidify for the following times before subjecting it to the conditions indicated. The following information serves as a guide only.

Temperature	Light pedestrian traffic	Light vehicle traffic	Full traffic or loading
50°F/10°C	16 hours	72 hours	7 days
68°F/20°C	8 hours	24 hours	5 days
86°F/30°C	4 hours	16 hours	3 days

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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