

Carbonamine™ Bell Metal



A unique coating made with a new patented technology combining the durability of polyurea/polyaspartic with an ingredient made from waste carbon dioxide.

100% Solvent Free | up to 18% CO₂ | Rapid Cure | Time

Carbonamine Bell Metal is a rapid curing, two pack modified polyurea coating that is available in a range of colours.

It has a long pot life but quickly cures to a hard, but slightly flexible surface that is extremely abrasion resistant.

Its long pot life and quick cure allows two coats to be applied to small areas from a single mix. This attribute saves time and material.

It is ideal for use on floors, ships decks and in other high wear situations where rapid return to service is required.

Floors can be prepared, several coats of **Carbonamine Bell Metal** applied and the premises returned to service within six hours

Substrates must be prepared and primed correctly. Steel and other ferrous metals should be primed with Armourguard ST while concrete, timber and most other substrates can be primed with Carbonamine Rapid Prime.

Carbonamine Bell Metal can be applied by brush, roller or by airless spray.

Mixing: Please refer to our coatings mixing instructions for full details.

Advantages of Carbonamine™ Bell Metal



- **Rapid:** Can usually be over-coated in 40 minutes
- **Amazing Adhesion:** Quickly develops an exceptional bond to dry and slightly damp substrates
- **Long Pot Life:** Up to two hours in ambient conditions
- **Excellent UV:** and weathering resistance. Does not yellow.
- **Odourless**
- **Amazing Adhesion**
- **100% Solids, Solvent Free**
- **Cures down to minus 6oC**

Carbonamine Bell Metal - Specifications

Type	Two pack, solvent free modified polyurea coating
Cure System	Part moisture cure
Hardener	HDI pre-polymer blend, contains less than 0.1% free monomer
Mix Ratio	As shown on the resin container
Pot Life	Up to two hours.
Over-coating Time	30 to 45 minutes, depending on temperature and humidity
Mixed Density	1.4
Coverage	5 - 7 m ² per litre depending on thickness applies
Solvent	Synsol PU
Colours	Most RAL Colours available, depending on quantity required
Samples	Available upon request

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Other Carbonamine™ Products

Carbonamine™ Rapid Prime Rapid Curing, Time Saving Polyurea Coating

Carbonamine Rapid Prime is a solvent free, unpigmented, two part polyurea concrete primer that in most conditions is ready to re-coat in 20-40 minutes, thanks to the use of Advanced Cure Technology.

Carbonamine Rapid Prime has a long pot life but when applied is quickly cured by the action of atmospheric moisture. Carbonamine Rapid Prime will quickly develop a bond to concrete that is stronger than the concrete itself.

Carbonamine™ Rapid Cold Cure Self Leveller Self Smoothing, Modified Polyurea System for Perfect Floors

Carbonamine Rapid Cold Cure Self Leveller is a specially formulated, two part epoxy system that when mixed with its aggregate pack will provide a low viscosity compound which is easy to apply with simple equipment.

It will provide a perfect, seamless floor that is completely free from air bubbles and other defects and will cure in temperatures as low as 0°C, thanks to Cold Cure Technology.

It contains a unique blend of additives that rapidly and completely remove all entrained air that often spoil the surface of similar systems. Large areas can be quickly finished to produce an attractive, durable floor that is easy to clean.

Carbonamine™ Rapid Cold Cure Primer Rapid Curing, Time Saving Polyurea Cold Cure Primer

Carbonamine Rapid Cold Cure Primer is an unpigmented, solvent free, two part polyurethane/urea concrete primer that in cold conditions is ready to re-coat in 40 minutes down to a temperature 0°C, thanks to the use of Cold Cure Technology.

Carbonamine Rapid Cold Cure Primer has a long pot life but when applied is quickly cured by the action of atmospheric moisture. It will quickly develop a bond to concrete that is stronger than the concrete itself.

Carbonamine Rapid Cold Cure Primer can be used for priming and sealing porosity in concrete, masonry and other non metallic substrates before coating with polyurea spray, polyurethane or epoxy coatings, mortars or screeds.

Carbonamine™ - will be available under licence to coatings manufactures so that as many countries as possible can benefit from this patented sustainable coating solution.

Please visit our web site at
Carbonamine.com
for details of our other products.

COVERAGE

It is the applicators responsibility to ensure that the correct coverage is achieved.

We recommend that the area that should be covered by one pack of coating is marked out. Adjust the application rate to ensure that the marked area is covered by the entire contents of a pack. Porous or rough substrates will require more product than regular substrates.

HEALTH & SAFETY

Please see the Safety Data Sheet for full information. All users should ensure appropriate protective measures are adhered to when applying our products.

DISCLAIMER

Customers are advised to thoroughly read and adhere to the instructions provided to ensure the products' optimum finish and performance. All information is based on results gained from experience and tests and is believed to be accurate but is given without acceptance of liability for loss or damage attributable to reliance thereon as conditions of use lie outside our control. Any deviation by the user to these instructions may affect the products performance and is therefore not advised. In this circumstance, Xymertec Ltd will not be held responsible and will be unable to offer any product replacement. Users should always carry out sufficient tests to establish the suitability of any products for their intended applications.

We aim to ensure consistency of colour in production (where applicable), however slight variations in shade may occur from batch to batch.