



PRODUCT DESCRIPTION

Uragard SC is a highly attractive, solvent-free sealer coat for use on concrete to provide a dustproof, easy-to-clean, and chemically resistant finish. There are 3 variations of the product, these are:

- Uragard SC Gloss
- Uragard SC Matt
- Uragard SC Satin

Uragard SC is a two pack, water-based sealer coat based on polyurethane resin. It exhibits a very high level of chemical resistance which when used in conjunction with a Uragard body coat can ensure maximum levels of chemical resistance.

Uragard SC can also be used on Uragard screens and other resin-based coating systems to enhance aesthetic appear, however as a modification this should be considered a maintainable surface.

KEY BENEFITS

- Chemical resistant
- Cleanable finish
- Long Shelf Life
- Excellent compatibility with Uragard HT screeds
- 100% Solvent Free

TECHNICAL DATA

John L. Lord & Son Ltd is an ISO 9001:2008 accredited company and all products are manufactured strictly to ISO quality standards.

Physical Properties

Complies with BS 8204-6 / FeRFA Type 3, System Make-Up:

Primer(s):	Self-priming
System:	1 or 2 coats of Uragard SC Matt, Satin, or Gloss
Optional Variations:	Biocide additive, anti-slip finish

System Details:

Finish:	Clear, matt/satin/gloss finish
Thickness:	0.1 mm per coat

Chemical Resistance

Uragard SC exhibits very good chemical resistance to a wide range of chemicals. However, it is not recommended as a standalone chemical resistant finish. Floor seals can be readily damaged by severe impact and chemicals can then attack the concrete from beneath the seal.

Performance Data

Bond Strength to Concrete:	> 1.5 N/mm ²
Temperature Resistance:	Constant 0°C to 80°C Occasional spillages up to 100°C
Abrasion Resistance:	BS8204-2 Class AR1:< 0.1 mm
Flash Steam Cleanable:	Yes

Uragard SC Matt is classified as Low Slip Potential Flooring (both wet and dry) as described in 'The Assessment of Floor Slip Resistance: The UKSG Guidelines issue 4 / 2011'. Results were obtained from tests carried out by the Health and Safety Laboratory (HSL) and from our own internal laboratory tests.

All figures are measured and expressed under laboratory conditions. Actual performance may vary from the above values depending upon site conditions, and whether smooth or anti-slip.

Curing Time

A completed resin floor can go into service after the following minimum cure periods at 15°C and above:

Light Traffic:	12 hours
Heavy Traffic:	48 hours

SHELF LIFE AND STORAGE

The product should be kept in its original unopened container until use. The product should be stored in weather tight conditions at temperatures between 10°C and 25°C, avoiding direct sunlight. Under these conditions this product has a shelf life of up to 6 months.

APPLICATION INFORMATION

John Lord recommends that all products are installed by their own Contracts Department who provide a professional service with experienced Project Management supervision and skilled, trained and NVQ/CSCS approved employees.

Suitable Applications

- Dry Production Areas
- Chemical Production
- Factories & Warehouses
- Engineering & Pharmaceutical
- Leisure & Catering
- Workshops & Plant rooms

Application Temperature

Air and substrate temperatures should be maintained between 12°C and 20°C during the application and curing period of this product. Materials should also be kept in a warm area of 15°C minimum temperature for 12 hours prior to application. Dehumidifiers must be used where high humidity conditions prevail. Ensure adequate ventilation during application.

Priming

Uragard SC is a self-priming system that can be applied directly applied onto prepared substrates.

System Application

The surface to be coated must be clean, dry and free from oil, grease and loose material or any other contamination that may impair adhesion or wetting out. Apply by either brush or roller evenly over the surface.

Avoid excessive application as this may lead to pooling. Application rates will vary depending on surface profile, porosity and quality of substrate. Edges and difficult to reach areas may be applied thinly by brush. Plan the work area to maintain a wet edge and work within the working time of the material.

IN-SERVICE MAINTENANCE

Good housekeeping and regular cleaning can considerably extend the service life of a resin screed floor and will enhance the floor's appearance and reduce soiling tendencies.

Suitable cleaning methods for this product include:

- Rotary scrubbing machine or hot water washing (up to 80°C) with suitable detergent products. See John Lord Cleaning Guide for further details.
- Flash steam clean is suitable on an occasional basis.

STATEMENT OF RESPONSIBILITY

The information within this John Lord Technical Data Sheet is provided as an introduction to the system only and may vary according to on-site or environmental conditions. As the information provided is of a general nature, no guarantee is implied, and it is the responsibility of the client or user to discuss in detail with John Lord the suitability of the product for a particular application. John Lord cannot accept any responsibility for work and the subsequent performance of their systems that are not controlled by their own contracting services. John Lord reserve the right to alter information in this document without prior notification; it is the responsibility of the client or user to obtain the most recent issue.