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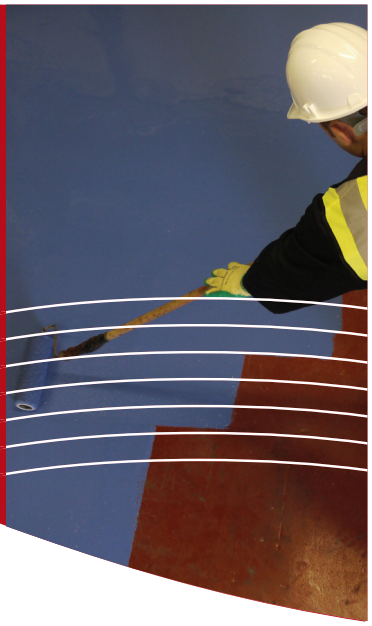
Technical Data Sheet

URAGARD SLR



Product Description

Uragard SLR is a specially formulated solvent-free, high build coating system with unique qualities. The product is formulated using the same basic technology employed within the Uragard HT range. Uragard SLR provides excellent adhesion characteristics, very high levels of abrasion resistance, excellent all round chemical resistance and is thermal shock tolerant. Uragard SLR can be used as a surface finish over Uragard HT screeds to improve ease of clean.

As a roller applied coating system, Uragard SLR provides a smooth gloss or satin finish. A range of slip resistant broadcast media can be incorporated into the coating system to provide effective safety under foot.

Key Benefits

- Durable and hard wearing
- Satin or gloss appearance
- Solvent free
- Easy to clean
- Fast curing and quick to apply
- Scratch resistant
- Excellent adhesion characteristics
- Excellent all-round chemical resistance
- Thermal shock resistance
- Smooth or slip resistant variants

Technical Data

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

Performance Data

Temperature Resistance:	Constant 0°C to 80°C. Occasional spillages of up to 100°C
Flash Steam Cleanable:	Yes
Water Permeability:	Nil

All figures are measured and expressed under laboratory conditions: Actual performance may vary from the above values depending upon site conditions.

Physical Properties

Complies with BS 8204-6 / FeRFA Type 2, System Make-Up:

Primer(s):	Self priming
System:	1 or 2 coats applied by brush or roller

System Details:

Finish:	Pigmented, smooth. Optional satin or gloss
Thickness:	1 coat = approx 175 microns 2 coats = approx 325 microns
Colours	Red, buff, cream, terracotta, green, grey

Chemical Resistance

Resistant to a wide range of chemicals including sugars, oils, alkalis, most acids and some solvents. For full details consult the John Lord Technical Dept.

Curing Time

A completed resin floor can go into service after the following minimum cure period at 18°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.

Other Products

The following products from the John Lord Group are recommended for use in conjunction with Uragard SLR:

- Uragard WR resin render screed
- Uragard HT range

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

- Food Preparation
- Chemical Production
- Brewing and Beverage
- Engineering
- Aerospace
- Warehousing

Substrate Suitability and Preparation

A separate technical data sheet is available on 'Substrate Suitability and Preparation'.

Ensure that all surfaces are clean, dry, and free of oil/grease and other surface contaminations. Remove all oil/grease and contaminants by hot water/strong detergent pressure washing and rinse with clean water

Application Temperature

Correct temperature is critical to the successful application of Uragard SLR and air temperatures should be maintained between 12°C and 25°C during the application and curing period of this product. We also recommend that the application area is heated to temperatures of between 12°C and 25°C for up to 24 hours prior to application to allow the ambient and substrate temperatures to regulate before the application commences. Materials should be kept in a warm area of 15°C minimum temperature for 12 hours prior to application. De-humidifiers must be used where high humidity conditions prevail. Ensure adequate ventilation during application.

System Application

Apply by medium nap roller.

First coat:	175g/m^2, approx 0.13mm
Second coat:	150g/m^2, approx 0.12mm

If a slip resistant finish is required, a slip resistant grit can be lightly broadcast into the surface of the first coat and immediately back rollered to encapsulate. The second coat can be applied as normal.

Joints

All known expansion joints should be followed through the resin floor finish using Epiflex Jointing Mastic. If concrete movement or cracking takes place after application then reflective cracking of the topping may occur.

In-Service Maintenance

Good housekeeping and regular cleaning can considerably extend the service life of a resin screed flooring system 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 technical data and application 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 L. Lord & Son Ltd the suitability of the product for a particular application. John L. Lord & Son Ltd cannot accept any responsibility for work and the subsequent performance of their systems that are not controlled by their own contracting services.

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