

Technical Data Sheet

URAGARD

P.C Glaze

DESCRIPTION

Uragard P.C Glaze is a high performance coating system formulated specifically for use with the Epigard S.Q system as a final sealer coat. The system offers excellent wear and wear resistance and cures to a transparent matt finish. As a water-based polycarbonate two component system, Uragard P.C Glaze also offers environmentally friendly technology, emitting no odour during application and drying, ensuring that it is safe to apply in virtually any manufacturing environment. Uragard P.C Glaze is also U.V stable and offers excellent chemical resistance.

KEY BENEFITS

- Hygienic, easy to clean
- Environmentally friendly, solvent free
- U.V Stable
- Excellent chemical resistance
- Excellent scratch and wear resistance
- Transparent matt, anti-glare finish
- Easy to apply
- Available as a pigmented system

TECHNICAL DATA

John Lord is an ISO 9001:2000 accredited company and all John Lord products are manufactured strictly to ISO quality standards.

Performance Data

Specific Gravity:	1.10 -1.15 @ 20°C
Temperature Resistance:	Constant 0°C to 50°C
Flash Steam Cleanable:	No
Slip Resistance	Safe Surface in Dry Conditions and Clean, Wet Conditions
Water Permeability	Nil

Actual performance may vary from the above values depending on site conditions.

Physical Properties

Complies with BS 8204-6 / FeRFA Type 1/2

System Make-Up:

Primer (s)	None
System	2x applications Uragard P.C Glaze
Sealer Coat (s)	None
Optional Variations	Available pigmented

System Details:

Finish:	Transparent, matt finish
Spread Rate:	45-55m ² per pack over Epigard S.Q Gel Grout
Standard Colours:	Transparent, can be pigmented if required

Chemical Resistance

Resistant to a wide range of acids, alkalis, oils, greases, fuels, salt solutions and solvents. For full details visit our website: www.john-lord.co.uk/products/technical-guides.php or consult John Lord Technical Dept.

Curing Time

Floor can go into service after the following minimum cure periods at 18°C and above:

Light traffic:	24 hours
Heavy traffic:	48 hours

Shelf Life / 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.

In-Service Maintenance

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

Suitable cleaning methods for this product include:

- Rotary scrubbing machine and /or warm water washing (up to 50°C) with suitable detergent products – see John Lord Cleaning Guide for further details

APPLICATION INFORMATION

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

Suitable Applications

- Packing and Assembly Facilities
- Light Manufacturing
- Canteens
- Hospitals
- Showrooms
- Retail Outlets
- Leisure facilities
- Museums
- Pharmaceutical production facilities
- Commercial and Corporate amenities
- Restaurants and Bars

Substrate Requirements

Uragard P.C Glaze is typically applied over fully cured epoxy or polyurethane-based resin floor finishes/coatings. In order to achieve a good quality floor finish, the following substrate requirements should be met. All epoxy or polyurethane resin substrate surfaces should be thoroughly cured, the resin surface should be smooth and level, and of a good general standard.

Substrate Preparation

Careful preparation of the substrate is essential. A detailed inspection of the substrate must be undertaken to ensure that all minor imperfections such as minor trowel marks and/or small screed 'nibs' are removed before application. Ensure that the substrate surface is dry, clean and free of contamination and dust. Remove all contaminants by hot water/ detergent washing, rinse with clean water and allow to dry.

Application Technique

Temperature: Correct temperature is critical to the successful application of Uragard P.C Glaze and air temperatures should be maintained between 10°C and 25°C during the application and curing period of this product. We also strongly recommend that the application area is heated

to temperatures of between 10°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 also be kept in a warm area of 12°C minimum temperature for 12 hours prior to application. De-humidifiers must be used where high humidity conditions prevail. Ensure adequate ventilation during application.

Priming: No priming is required prior to application of Uragard P.C Glaze.

System: Uragard P.C Glaze is a two-part system that requires slow-speed mixing until a homogenous liquid is obtained. Once mixed, apply an even coating of Uragard P.C Glaze to the clean, dry substrate by de-flocked roller or brush, ensuring an even cover. Avoid excessive application. Leave to dry (typically 5-7 hours at 16°C). As soon as the initial coat is dry, a second application should be applied and allowed to cure thoroughly. Any extra coats can then be applied if required.

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.

Precautions

Appropriate PPE such as gloves, goggles and barrier cream should be worn during mixing and application of this product. Product should not come into contact with the skin or eyes, or be swallowed. Avoid inhalation.

For full health and safety hazard information, please refer to the John Lord Safety Data Sheet (SDS) for each component of this product. COSHH and SDS documents can be obtained from our Bury Office or via our website www.john-lord.co.uk.

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, the suitability of the product for a particular application or requirement beforehand. John L. Lord & Son cannot accept any responsibility of work and the subsequent performance of their systems that are not controlled by their own contracting services.

John L. Lord & Son reserve the right to alter information contained in this document without prior notification, and it is the responsibility of the client or user to obtain the most recent issue.

