

## URAGARD P.C. GLAZE

### Description

Uragard P.C. Glaze has been specifically formulated for use in conjunction with Epigard S.Q. Epoxy Screed Quartz as the final applied coating which promotes a transparent matt finish on the coloured aggregate surface, which also offers excellent wear and wear resistance above and beyond existing Polyurethane and Epoxy technology. Uragard P.C. Glaze demonstrates the design expertise of John Lords research and development programme offering product technology without compromising performance over cost. As a water based polycarbonate two component system, Uragard P.C. Glaze also offers environmentally friendly technology which is safe to apply in virtually any manufacturing environment and which emits no odour during application and drying. Uragard P.C. Glaze is U.V. light stable and fast curing, in comparison with traditional Polyurethane and Epoxy technology. Chemical resistance is also at a level above Polyurethane and Epoxy technology whilst offering excellent resistance to a wide range of acids, alkalis and solvents. This product can also be pigmented if so required as a further enhancement to the characteristics offered by the system.

Uragard P.C. Glaze provides fast application and can be applied in multiple coats after sufficient drying time is allowed for; usually 5-6 hours at 16°C although effective sealing is usually achieved onto Epigard S.Q. - Epoxy Screed Quartz Surface (previously Grouted-Epigard Gel Grout coat), in just one coat. As is the case with most of John Lord resin rich Epigard and Uragard industrial flooring/coating product range. Uragard P.C. Glaze will give long term service in both wet or dry process areas, although the surface to be coated must be dry before application. Typical uses of Uragard P.C. Glaze in conjunction with Epigard S.Q. Epoxy Screed Quartz include packing, assembly, manufacturing and storage facilities that are subject to light/medium traffic including the use of fork lift trucks. However because of Epigard S.Q.-Epoxy Screed Quartz highly decorative appearance in conjunction with Uragard P.C. Glaze matt transparent appearance areas such as canteen facilities, foyers, hospitals, shopping centres and public facilities such as sports centres (reception areas/changing rooms) are particularly suitable as both systems offer highly aesthetic finishes, along with excellent wear resistance, and ease of cleaning.

### Advantages

- Environmentally friendly – solvent/odour free.
- Hygienic, easy to clean.
- Excellent wear and scratch/marr resistance.
- U.V. stable.
- Easy application by brush or roller.
- Excellent chemical resistance to a wide range of chemicals.
- Matt finish eliminates glare.
- Available as a pigmented system (matt).

### Technical data

Appearance – transparent/milky coloured, low viscosity liquid, upon cure – extremely hard transparent matt finish.

Specific Gravity – 1.10 – 1.15 at 20°C .

### Chemical resistance profile

List is not exhaustive please consult technical department for further details/advice.

Lactic Acid 100%	S
Lactic Acid 10%	S
Acetic Acid 50%	S (1)
Acetic Acid 10%	S
Sodium Hydroxide 50% R.T.S.	S
Sodium Hydroxide 10% R.T.S.	S
Distilled Water	S
Sea Water	S
Sulphuric Acid 60%	L
Sulphuric Acid 15%	S
Hydrochloric Acid 15%	S
Nitric Acid 15%	L
Oleic Acid 100%	S
Citric Acid 15%	S
Phosphoric Acid 100%	L

Phosphoric Acid 15%	S
Cutting Oil	S
Ammonia .800	S(1)
50% Ammonia .800	S
Bleach	S(1)
Formaldehyde	S(1)
20% Vol. Hydrogen Peroxide	S(1)
Xylene	L
Isopropanol	S
Carbon Tetrachloride	S
Trichloroethane	U
Sugar 30%	S
Petrol	S
Diesel fuel	S

S = Suitable  
 S(1) = Some colour bleaching can occur  
 L = Limited resistance - clean up spillage immediately  
 U = Unsuitable

**Application**

Apply directly to clean dry surface of resin floor/ coating finish, by either brush or roller. Avoid excessive application. A second coat should be applied as soon as the initial coat is dry (typically 5-6 hours @ 16°C if required).

Spreading rate = 45 – 55m2 per pack. (over Epigard S.Q. Grout Coat).

**Drying**

Recoat time	16°C	25°C
Minimum	5-6 hours	4-5 hours
Maximum	8-9 hours	3-4 hours
Full Cure	36 hours	24 hours

**Surface preparation:**

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

New resin floors/coatings must be thoroughly cured.

**Health and safety**

Uragard P.C. Glaze is formulated to contain no odour. It must however be treated with caution. Uragard P.C. Glaze should not come into contact with skin or eyes, nor should it be swallowed. Barrier creams should be worn as well as suitable gloves and eye protection. If Uragard P.C. Glaze comes into contact with skin it should be removed with resin removing cream such as Kerocleanse Standard grade skin cleaner or Rozaklens industrial skin cleaner, followed by washing with soap and water. **DO NOT USE SOLVENT.**

Should accidental eye contact occur with Uragard P.C. Glaze, wash well with plenty of clean water and seek medical advice. If swallowed seek medical attention immediately. **DO NOT INDUCE VOMITING.**

Store in closed containers.

Further information can be obtained by consulting John Lord's Health & Safety and COSHH documents.

**LORD QUALITY SERVICE:**

John Lord manufactures products for the protection of floors, walls, tanks, structural steelwork etc. We also have our own Contracting Dept. employing skilled operatives with long-term experience in the application and laying of our protective systems. Both operations are backed by Comprehensive Technical, Advisory and Supervisory Services which are available to assist the client and Architect in drawing up specifications, planning and expediting contracts. This total control and our 100 years experience enable us to ensure quality.

**Disclaimer**

The information contained in this leaflet is provided as an introduction to the system and no guarantee is implied. Any specific requirements the clients may have should be discussed in detail with John L Lord Technical Department beforehand. John L Lord cannot accept any responsibility for work and the subsequent performance of their systems not controlled by their own contracting services.

John L Lord reserves the right to alter information contained in this leaflet without prior notification.

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