



PRODUCT DESCRIPTION

Uragard WR Cove Grade is a polyurethane based resin screed system for vertical surfaces. It has been developed to complement the range of Uragard HT resin flooring systems. It forms a coved skirting and wall render detail to protect plinths, drains, tanks, sumps, and other vertical surfaces from chemical or physical attack.

Uragard WR Cove Grade provides a smooth, hygienic finish that is easy to clean and can be colour matched to Uragard HT floor systems. Extra sealer coats of Uragard SC20 can be applied to provide enhanced cleaning properties.

KEY BENEFITS

- Matches Uragard HT resin screeds
- Smooth, hygienic finish
- Good chemical resistance
- Good impact and wear resistance
- Non-tainting
- Optional sealer coats for colour matching and easy clean
- Optional biocide additive resistance

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 8, System Make-Up:

Primer(s):	1 coat Uragard WR Tack Coat Primer
System:	1 trowel application of Uragard WR
Optional Variations:	Biocide additive, Uragard SC20 sealer

System Details:

Finish:	Solid colour, satin finish
Thickness:	Ave. 6 mm, ave. 12 mm to bird's beak

Chemical Resistance

Highly resistant to a wide range of chemicals including organic solvents, acids and alkalis. For full details consult the John Lord Technical Department.

Note: Discolouration or staining may occur when exposed to some chemicals based on the nature of the spill and cleaning regime followed.

Performance Data

Compressive Strength:	50 N/mm ²
Flexural Strength:	15 N/mm ²
Tensile Strength:	6 N/mm ²
Bond Strength to Concrete:	> 2.5 N/mm ²
Temperature Resistance:	Constant -25°C to 85°C Spillages up to 100°C at 12 mm thickness
Abrasion Resistance:	BS8204-2 Class AR1:< 0.1 mm
Water Permeability:	Extremely low (Nil when sealed)

Curing Time

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

Light Traffic:	16 hours
Heavy Traffic:	48 hours
Full Chemical Cure	7 days

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.

CE MARKING



EN 13813 AR1-B2.8-IR20.0

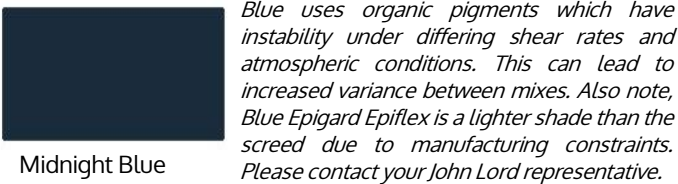
Synthetic resin screed material for use internally in buildings

Bond Strength:	B 2.8
Wear Resistance:	AR1
Impact Resistance:	IR 20.0

STANDARD COLOUR RANGE



Optional Colour 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 Processing
- Chemical Production
- Brewing and Beverage
- Engineering
- Aerospace
- Effluent Tank Linings
- Any environment using a Uragard HT floor resin

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

The dry, prepared, dust-free substrate should receive a roller applied tack coat of Uragard WR Primer at a rate of 0.5 kg m⁻². After 1 to 2 hours tack off time, the Uragard WR Cove Grade can be applied. Substrates which are known to have high porosity or void content should receive an additional tack coat.

System Application

Mix the mortar in a horizontal pan-type mixer, for example a Casco or Stelram G8, and spread over the measured area. Close to a neat, seared finish with a steel float or coving trowel.

Sealer Coats

Optional sealer coats of Uragard SC20, or rarer Uragard SLR, may be applied by paintbrush or short pile roller after a minimum of 10 hours cure.

Note: The texture of Uragard WR Cove Grade on the finished floor surface may appear banded or slightly variable. This is a natural, visual aspect of the system influenced by atmospheric conditions and is not defective in anyway. Polyurethane systems have limited colour stability which can result in discoloration of the floor over a period of time or upon exposure to UV light. Our standard colour range has been carefully chosen to provide a colour range limiting the extent of discoloration.

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.