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Technical Data Sheet

URAGARD MB12

Product Description

Uragard MB12 is a single pack, high solids polyurethane resin sealer coat especially designed for use with other John Lord Floor Finishes to provide a hard-wearing and scratch resistant coating. Uragard MB12 is a clear un-pigmented gloss system suitable for a wide range of applications especially in areas where aesthetic appeal is of importance.

Key Benefits

- Very durable and hard wearing
- Scratch and scuff resistant
- Chemical resistant
- Easy to clean
- Fast curing and quick to apply
- Single pack

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 1, System Make-Up :

System:	Other John Lord resin floor finishes
Sealer Coat(s):	1 application Uragard MB12 by de-flocked roller at 0.150kg/m^2 A second application may be applied once the initial coat is dry

System Details:

Finish:	Hard, clear smooth
Thickness:	150 microns
Colours	Colourless gloss or satin

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 18ºC and above:

Light Traffic:	16 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 10ºC and 25ºC, avoiding direct sunlight. Under these conditions this product has a shelf life of up to 6 months.

Other Products

This product is ideally suited for a final finish coating for decorative flake or quartz resin floor systems.

Uragard MB12 can be used with other resin floor systems in the John Lord range; please contact our Technical or Sales Departments for advice.

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

- Commercial Premises
- Showrooms
- Retail Facilities
- Leisure Facilities
- Workshops
- Laboratories
- Dry Process Areas

Substrate Suitability and Preparation

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

Application Temperature

Correct temperature is critical to the successful application of Uragard MB12 and an air temperature should be maintained between 10ºC and 25ºC during the application and curing period of this product. We also strongly recommend that the application area is heated to a temperature between 15ºC and 25ºC for up to 24 hours prior to application to allow the ambient and substrate temperatures to regulate before application commences. Materials should be kept in a warm area at a minimum temperature of 12ºC for 12 hours prior to application. De-humidifiers must be used where high humidity conditions prevail. Ensure adequate ventilation during application at all times.

System Application

Apply by de-flocked roller evenly over the surface, avoiding pooling of the coating; a second application may be applied once the initial coat is dry.

Approximate coverage onto a non-porous surface is 0.150kg/m^2.

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 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 80ºC) with suitable detergent products – see John Lord Cleaning Guide for further details.

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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