johnlord
SPECIALIST FLOORING

Technical Data Sheet

Uragard HT 62W

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Product Description

Uragard HT62W is part of our HT Range of heavy-duty, high performance, anti-slip polyurethane screeds. Uragard HT62W is an independently tested slip-resistant screed, designed to provide safety under foot and cleanability.

Uragard HT62W also provides superior all-round performance with built in chemical resistance, exceptional wear, impact and abrasion resistance, and thermal shock resistance.

Key Benefits

- Anti-slip surface
- Fast curing, single application
- Excellent chemical resistance
- Exceptional abrasion and impact resistance
- Temperature resistant at temperatures from -25°C to 120°C at 9mm thickness
- Non-tainting
- Optional biocide additive
- Excellent substrate adhesion

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 Primer or Epigard Fastrac Primer
System:	1 application Uragard HT62W
Sealer Coat(s):	None as standard
Optional Variations:	Uragard SLR sealer coat, biocide additive

System Details:

Finish:	White speckled, resin rich matt, anti-slip
Thickness:	6 mm to 12 mm

Chemical Resistance

Highly resistant to a wide range of chemicals including organic solvents, acids and alkalis. For full details consult the John Lord Technical Dept.
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:	60 N/mm^2
Flexural Strength:	15 N/mm^2
Tensile Strength:	6.5 N/mm^2
Bond Strength to Concrete:	> 2.5 N/mm^2
Temperature Resistance:	Constant -25°C to 100°C. Occasional spillages of up to 120°C at 9mm thickness
Abrasion Resistance:	BS8204-2 Class AR0,5: < 0.05 mm
Water Permeability:	Nil

Uragard HT62W trowelled finish, is classified as Low Slip Potential Flooring (both wet and dry) as described in 'The Assessment of Floor Slip Resistance: The UKSG Guidelines issue 4 / 2011'. Results were obtained from tests carried out by the Health and Safety Laboratory (HSL) and from our own internal laboratory tests.

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

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

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.

CE Marking

CE 11

EN 13813 AR0,5-B2.8-IR20.0

Synthetic resin screed material for use internally in buildings

Bond Strength:	B 2.8
Wear Resistance:	AR 0,5
Impact Resistance:	IR 20.0

Standard Colour Range

Red | Terracotta | Buff

Green | Dark Grey

These colours are an indication only. Please request samples for accurate colour tiles.

Optional Colour Range

Midnight Blue

Blue uses organic pigments which have instability under differing shear rates and atmospheric conditions. This can lead to increased variance between mixes. Blue Epigard Epiflex is a lighter shade than the screed due to manufacturing constraints. Please contact your John Lord representative.

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

- Wet and Dry Food Processing, eg. Abattoirs, Bakeries
- Pharmaceutical Production
- Brewing and Beverage
- Chemical Processing
- Heavy Engineering
- Aerospace

Application Temperature

Air and substrate temperatures should be maintained between 12ºC and 20ºC during the application and curing period of this product. Materials should also be kept in a warm area of 15ºC 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 or squeegee coat of Uragard Primer. Epigard Fastrac primer may also be used on semi-cured, new, or damp concrete. After cure, the Uragard HT 62W can be applied. See separate data sheet for details.

System Application

The Uragard HT 62W should be mixed and trowel applied at a thickness of between 6 and 12 mm.

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.

Note: The texture of Uragard HT 62W 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 discolouration.

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 80ºC) 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.