

New Guard Coatings Group

A global reputation to protect.

You have acquired this data sheet from the New Guard Coatings Group.

All information listed is correct at the time of print.



uksales@newguardcoatings.com



+44 1937 586311

Global Head Office: New Guard Coatings Ltd, Sandbeck Way, Wetherby, Leeds, LS22 7DN



RUST-OLEUM®
INDUSTRIAL



BIOSAN® ULTRA

Water-based hygienic floor coating



- Contains a biocide to protect the dried coating against fungal degradation
- Exceptional abrasion resistance
- Easy to clean
- Resistant to oils, solvents and many chemicals
- Water-based paint, low odour

KNOW-HOW TO PROTECT™

WWW.RUST-OLEUM.EU

BIOSAN® ULTRA

DESCRIPTION

Water-based 2-pack hygienic topcoat for floors where hygiene control is essential. Exceptional abrasion resistance.

RECOMMENDED USE

For the coating of floors or walls in hygiene areas where high abrasion resistance is needed. Contains a biocide to protect the dried coating against fungal degradation.

TECHNICAL DATA

Density:	1,45
Gloss Level:	Satin
Solids content in volume:	50 %
Solids Content in weight:	65 %
Mixing Ratio:	Base : Activator = 4.1 : 0.9 (Volume)

DRYING TIMES AT 20°C/RH 50%

Touch dry:	3 hours
Dry to handle:	8 hours
Dry to recoat:	24 hours
Fully cured:	7 days
Pot Life:	2 hours

RECOMMENDED WET FILM THICKNESS

200 µm

RECOMMENDED DRY FILM THICKNESS

100 µm

THEORETICAL CONSUMPTION

1st coat: 5 - 7 m²/l. 2nd coat: 4 - 5 m²/l.

PRACTICAL CONSUMPTION

Practical coverage depends on many factors such as porosity and roughness of the substrate and material losses during application.

SURFACE PREPARATION

The substrate should be dry and clean, free from ascending humidity and sufficiently coherent (tensile strength min. 6 kg/cm²).

Biosan Ultra can be applied directly on most mineral substrates (f.i. old concrete, tiles, glass, etc.). Curing compounds in case of poly-concrete have to be removed by means of grit blasting. On new concrete or non-porous concrete, remove cement grout by grit blasting or treatment with Surfa Etch 108. Biosan Ultra may not be applied on a flexible paint coat or a moving substrate.

DIRECTIONS FOR USE

To ensure homogeneity, coating materials should be thoroughly stirred prior to use.

APPLICATION CONDITIONS

Minimum 8°C and maximum 80% R.H.

APPLICATION & THINNING: ROLLER

Dilute 1st coat with maximum 10% volume water. Apply 2nd coat preferably undiluted.

APPLICATION & THINNING: AIRLESS SPRAY

Nozzle: 021 - 023 / Pressure: 220 bars. 1st coat: dilute with maximum 10% volume water. 2nd coat: dilute with maximum 5% volume water.

APPLICATION & THINNING: AIR-ATOMISED SPRAY

Not recommended.

CLEANING OF EQUIPMENT / SPILLS

Water.

REMARKS

In order to become a solid gloss finish, please respect the consumption quantities of the second layer, this means that a can of 5 l has to be applied on a surface of 20 – 25 m². Always provide good air ventilation, so even when it rains, windows and doors have to be opened wherever possible. The 2 components must be mixed under mechanical agitation.

The use of Biosan products does not exclude the necessity to clean and disinfect on a normal and regular basis.

At lower temperatures (8 - 10°C), this product can only be recoated after ± 48 hours.

SAFETY DATA

VOC level:	10 g/l
VOC readymix:	10 g/l
VOC category:	A/j
VOC limit:	140 g/l
Grenelle:	A
Flashpoint:	Not flammable
Remarks regarding safety:	Consult Safety Data Sheet and Safety Information printed on the can.

SHELF LIFE

2 years from date of production in unopened cans, if stored in dry, well ventilated areas, not in direct sunlight at temperatures between 5° and 35°C.

Date issued: 26/04/2018

Available colours & pack sizes : Please refer to the respective product page on www.rust-oleum.eu for an overview of actual available colours and pack sizes.

Disclaimer : The information contained herein is to the best of our knowledge true and accurate and is given in good faith but without warranty. The user will be deemed to have satisfied him/herself independently as to the suitability of our products for his/her own particular purpose. In no event shall Rust-Oleum Europe be liable for consequential or incidental damages. Products must be stored, handled, and applied under conditions complying with Rust-Oleum Europe recommendations detailed within the latest copy of the product data sheet. It is the users responsibility to ensure that they have the current copy. Latest copies of the product data sheet is available for free and downloadable from www.rust-oleum.eu or upon a request to our Customer Services department. Rust-Oleum Europe reserves the right to change the properties of its' products without prior notification.

Rust-Oleum Netherlands B.V.
Zilverenberg 16
5234 GM 's-Hertogenbosch
The Netherlands
T : +31 (0) 165 593 636
F : +31 (0) 165 593 600
info@rust-oleum.eu

Tor Coatings Ltd (Rust-Oleum Industrial)
Shadon Way, Portobello Ind. Estate
Birtley, Chester-le-Street
DH3 2RE United Kingdom
T : +44 (0)1914 113 146
F : +44 (0)1914 113 147
info@rust-oleum.eu

Rust-Oleum France S.A.S.
38, av. du Gros Chêne
95322 Herblay
France
T : +33(0) 130 40 00 44
F : +33(0) 130 40 99 80
info@rust-oleum.eu

N.V. Martin Mathys S.A.
Kolenbergstraat 23
3545 Zelem
Belgium
T : +32 (0) 13 460 200
F : +32 (0) 13 460 201
info@rust-oleum.eu