



New Guard Coatings Group

A global reputation to protect.

The information herewith is given with the best of New Guard Coatings Group knowledge.

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This information is not exhaustive and it is the user's responsibility to ensure that this data sheet is the most current by contacting their local New Guard Coatings Group branch prior to using the coating/product.

www.newguardcoatings.com

NORTH • SOUTH EAST • MIDLANDS • NORTH WEST • HULL • SCOTLAND

RUST-OLEUM®
INDUSTRIAL



BIOSAN® AQUA PLUS

Very abrasion resistant and easy to clean

- High build and extremely resistant to abrasion and (chemical) cleaning
- Resistant to oils, solvents and many chemicals
- Nice satin gloss finish, tintable in almost any colour
- Water-based; low odour

KNOW-HOW TO PROTECT™

WWW.RUST-OLEUM.EU

BIOSAN® AQUA PLUS

DESCRIPTION

Water-based 2-pack hygienic epoxy topcoat for walls where hygiene control is essential. Exceptional abrasion resistance and easy to clean.

RECOMMENDED USE

For the interior coating of walls and ceilings in areas where high abrasion resistance is needed. Surface Spread of Flame: Rated Class 0 to the UK Building Regulations (BS476 Parts 6&7)

TECHNICAL DATA

| | |
|-------------------------------|-------|
| Density (g/cm ³): | 1,45 |
| Gloss Level: | Satin |
| Solids Content in weight: | 65% |
| Solids content in volume: | 50% |

DRY TIMES BY 20° C/RV 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

140 µm

RECOMMENDED DRY FILM THICKNESS

70 µm

THEORETICAL CONSUMPTION

7 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 Aqua Plus 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. Porous substrates shall be impregnated with Biosan Aqua Plus diluted with 10 to 20% water. 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: BRUSH

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

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 tin of 5 l has to be applied on a surface of approx. 35 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 ready mix: | 10 g/l |
| VOC category: | A/j |
| VOC limit: | 140 g/l |
| 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: 12/02/2021

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.

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