

New Guard Coatings Group

A global reputation to protect.

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RUST-OLEUM®
INDUSTRIAL



BIOSAN® AQUA PLUS

Very abrasion resistant and easy to clean

- High build and extremely resistant to abrasion and (chemical) cleaning
- Contains a biocide to protect the dried coating against fungal degradation
- 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. Contains a biocide to protect the dried coating against fungal degradation. Surface Spread of Flame: Rated Class 0 to the UK Building Regulations (BS476 Parts 6&7)

TECHNICAL DATA

Density:	1,45
Gloss Level:	Satin
Solids content in volume:	50 %
Solids Content in weight:	65 %

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

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
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: 03/04/2018

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.

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