

**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

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# 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 (g/cm³):	1,45
Gloss Level:	Satin
Solids Content in weight:	65%
Solids content in volume:	50%
Mixing Ratio:	Base : Activator = 4.1 : 0.9 (Volume)

## DRY TIMES BY 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
Remarks regarding safety:	Consult Safety Data Sheet and Safety Information printed on the can.

## SHELF LIFE

Minimum of 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.

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**Available colours & pack sizes:** Please refer to the respective product page on [www.rust-oleum.eu](http://www.rust-oleum.eu) for an overview of actual available colours and pack sizes.

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