Tel: 01626 207064
Fax: 08712 424345
www.paco-systems.co.uk
info@paco-systems.co.uk

PRODUCT DATA BIOSAN AQUA GLOSS

DESCRIPTION
Waterborne bactericidal high-gloss acrylic paint.

MAIN PROPERTIES
Good flow - good filling power - high covering capacity, helps to maintain a hygienic environment.

RECOMMENDED USES
For the interior coating of walls and ceilings in low wear areas where controlled hygienic conditions are of essential importance.

TECHNICAL DATA

Appearance:	High-gloss (gloss 60°: > 80%)	
Colour:	White + colours (on demand)	
Density:	1.2 g/cm³	
Solids Content:	In volume:	35 - 37%
	In weight:	46 - 48%
Recommended film thickness:	Wet film:	± 90 micron (consumption: 11 m²/l)
	Dry film:	± 30 micron (consumption: 11 m²/l)
VOC-content:	Max. 100 g/l	
Flashpoint:	Not flammable	

Drying times	20°C/50% r.h.
To touch:	45 min.
To recoat:	± 4 hours
Full hardness	± 2 days

Coverage

Theoretical:	10 - 12 m²/l
Practical:	Practical coverage depends on many factors such as porosity and roughness of the substrate and material losses during application.

SURFACE PREPARATION
Painted substrates: apply directly on old sound paints, glossy paints will be roughed up slightly. Untreated substrates:

- On woodwork, apply a coat of Pegaprim (water dilutable) or by preference Fassiprim (solvent based).
- On masonry, plaster and concrete: apply a coat of Pegalink first. Good adhering and slightly powdery surfaces have to be impregnated first with Pegafix after high pressure cleaning.

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

APPLICATION & THINNING

Brush:	By preference, do not dilute.
Roller:	By preference, do not dilute.
Air-atomised spray:	Possible, dilute with water.

Tel: 01626 207064
Fax: 08712 424345
www.paco-systems.co.uk
info@paco-systems.co.uk

PRODUCT DATA BIOSAN AQUA GLOSS

Airless spray: Nozzle: 018 / Pressure: 180 bars
If necessary, dilute with some water.

Cleanup: Water.

APPLICATION CONDITIONS
> 10°C; < 80% H.R.

REMARKS
Do not apply in full sun or too hot conditions, to avoid that the product dries too fast and consequently to avoid a decreased flow.
The use of Biosan products does not exclude the necessity to clean and disinfect on a normal and regular basis.

SAFETY
Consult Safety Data Sheet and Safety Information printed on the can.

SHELLIFE / STORAGE CONDITIONS
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.

Tel: 01626 207064
Fax: 08712 424345
www.paco-systems.co.uk
info@paco-systems.co.uk

PRODUCT DATA BIOSAN AQUA SATIN

DESCRIPTION
Waterborne bactericidal satin gloss acrylic paint.

MAIN PROPERTIES
Good flow - good filling power - high covering capacity.
Helps to maintain a hygienic environment.

RECOMMENDED USES
For the interior and exterior coating of walls and ceilings in low wear areas where controlled hygienic conditions are of essential importance.

TECHNICAL DATA

Appearance:	Satin gloss (gloss 60°: ± 30%)
Colour:	White + mixing machine colours
Density:	1.2 - 1.3 g/cm³
Solids Content:	In volume: 35 - 38%
	In weight: 48 - 51%
Recommended film thickness:	Wet film: ± 90 micron (consumption: 11 m²/l)
	Dry film: ± 30 micron (consumption: 11 m²/l)
VOC-content:	Max. 160 g/l
Flashpoint:	Not flammable
Surface Spread of Flame:	Rated Class 0 to the UK Building Regulations (BS476 P6&7)

Drying times	20°C/50% r.h.
To touch:	1 hour (10 m²/l)
To recoat:	± 8 hours
Full hardness	± 2 days

Coverage

Theoretical:	9 - 12 m²/l per coat
Practical:	Practical coverage depends on many factors such as porosity and roughness of the substrate and material losses during application.

SURFACE PREPARATION
Painted substrates: apply directly on old sound paints, glossy paints will be roughed up slightly. Untreated substrates:

- On woodwork, apply a coat of Pegaprim (water dilutable) or by preference Fassiprim (solvent based).
- On masonry, plaster, and concrete: apply a coat of Pegalink first. Good adhering and slightly powdery surfaces have to be impregnated first with Pegafix after high pressure cleaning.

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

APPLICATION & THINNING

Brush/roller:	By preference, do not dilute.
Air-atomised spray:	Dilute with max. 5% water.
Airless spray:	Nozzle: 018 / Pressure: 180 bars. If necessary, dilute with max. 5% water.

Tel: 01626 207064
Fax: 08712 424345
www.paco-systems.co.uk
info@paco-systems.co.uk

PRODUCT DATA BIOSAN AQUA SATIN

Cleanup: Water.

APPLICATION CONDITIONS
> 10°C; < 80% H.R.

REMARKS
- Apply Biosan Aqua Satin by preference by airless or brush. Do not apply in too hot conditions, to avoid a decreased flow.
- The use of Biosan products does not exclude the necessity to clean and disinfect on a normal and regular basis.

SAFETY
Consult Safety Data Sheet and Safety Information printed on the can.

SHELLIFE / STORAGE CONDITIONS
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.

Tel: 01626 207064
Fax: 08712 424345
www.paco-systems.co.uk
info@paco-systems.co.uk

PRODUCT DATA BIOSAN AQUA MATT

DESCRIPTION
Waterborne bactericidal matt acrylic paint.

MAIN PROPERTIES
High durability - perfect saponification resistance - particularly high covering capacity.
Helps to maintain a hygienic environment.

RECOMMENDED USES
For the interior coating of walls and ceilings in low wear areas where controlled hygienic conditions are of essential importance.

TECHNICAL DATA

Appearance:	Satin matt (gloss 60°: ± 5%)
Colour:	White + bases (mixing machine)
Density:	1,3 – 1,4 g/cm³
Solids Content:	In volume: 47 - 50%
	In weight: 62 - 65%
Recommended film thickness:	Wet film: ± 125 micron (consumption: 8 m²/l)
	Dry film: ± 60 micron (consumption: 8 m²/l)
VOC-content:	Max. 25 g/l
Flashpoint:	Not flammable
Surface Spread of Flame:	Rated Class 0 to the UK Building Regulations (BS476 P6&7)

Drying times	20°C/50% r.h.
To touch:	± 40 minutes (10 m²/l)
To recoat:	± 4 hours (10 m²/l)
Full hardness	± 1 day

Coverage

Theoretical:	7 - 10 m²/l per coat
Practical:	Practical coverage depends on many factors such as porosity and roughness of the substrate and material losses during application.

SURFACE PREPARATION
The substrate must be sufficiently dry and stable; clean thoroughly.
On porous substrates apply first a coat of Parafix-Biosan Aqua Matt (1/1) or preferably Pegafix. On very smooth bricks, apply a first coat of Noxyde diluted with 25% water, or a coat of Pegalink. Impregnate old chalking paints, after cleaning, with a coat of Fixonal or Pegafix.
Fill up holes and seal joints or fissures with Elastofill. If necessary, fill with Pegaflex.
Flat down and remove dust. Hereafter, apply 1 - 2 coats of Biosan Aqua Matt.

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

APPLICATION & THINNING

Brush:	Apply with flat brush.
Roller:	Apply with dispersion roller.
Air-atomised spray:	Yes, dilute with water (3 - 5%).

Tel: 01626 207064
Fax: 08712 424345
www.paco-systems.co.uk
info@paco-systems.co.uk

PRODUCT DATA BIOSAN AQUA MATT

Airless spray: Nozzle: 013 - 018 / Pressure: 180 bars.
If necessary, dilute with max. 5% of water.

Cleanup: Water.

APPLICATION CONDITIONS
Minimum 5C / maximum 80% R.H.

REMARKS
- The use of Biosan products does not exclude the necessity to clean and disinfect on a normal and regular basis.
- For prolonged drying time, dilute with Fair-Decor (5 - 10%).

SAFETY
Consult Safety Data Sheet and Safety Information printed on the can.

SHELLIFE / STORAGE CONDITIONS
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.

Tel: 01626 207064
Fax: 08712 424345
www.paco-systems.co.uk
info@paco-systems.co.uk

PRODUCT DATA BIOSAN AQUA PLUS

DESCRIPTION
Bactericidal 2-component water dilutable epoxy coating.

MAIN PROPERTIES
Very hard - exceptional abrasion resistance - resistant to oils and solvents. Solvent free, almost odourless and easy to clean helps to maintain a hygienic environment.

RECOMMENDED USES
For the interior coating of walls and ceilings in areas where controlled hygienic conditions are of essential importance and where high abrasion resistance is needed.

TECHNICAL DATA

Appearance:	Semi-gloss (gloss 60°: ± 60%)
Colour:	White + mixing machine pastel colours
Density:	± 1,45 g/cm³ (mixture)
Solids Content:	In volume: 48 - 50%
	In weight: 64 - 66%
Recommended film thickness:	Wet film: ± 140 micron (consumption: 7 m²/l)
	Dry film: ± 70 micron (consumption: 7 m²/l)
VOC-content:	0 g/l
Flashpoint:	Not flammable
Surface Spread of Flame:	Rated Class 0 to the UK Building Regulations (BS476 P6&7)

Drying times 20°C/50% r.h.

To touch:	3 hours
To recoat:	24 hours
Full hardness:	7 days

Remarks:
- At lower temperatures (8 - 10°C), this product can only be recoated after ± 48 hours.
- Potlife after mixing base and activator: 2 hours.

Coverage

Theoretical:	± 7 m²/l per coat
Practical:	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 Rust-Oleum Surfa Etch 108.
Porous substrates shall be impregnated with Biosan Aqua Plus diluted with 10 to 20% water.
Biosan Aqua Plus may not be applied on a flexible paint coat or a moving substrate.

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

Tel: 01626 207064
Fax: 08712 424345
www.paco-systems.co.uk
info@paco-systems.co.uk

PRODUCT DATA BIOSAN AQUA PLUS

APPLICATION & THINNING

Brush/roller:	Dilute 1st coat with max. 10% water. Apply 2nd coat preferably undiluted.
Air-atomised spray:	Not recommended.
Airless spray:	Nozzle: 021 - 023 / Pressure: 220 bars. 1st coat: dilute with max. 10% water. 2nd coat: dilute with max. 5% water.
Cleanup:	Water.

APPLICATION CONDITIONS
Minimum 8°C and maximum 80% R.H.

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.

SAFETY
Consult Safety Data Sheet and Safety Information printed on the can.

SHELLIFE / STORAGE CONDITIONS
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.

Tel: 01626 207064
Fax: 08712 424345
www.paco-systems.co.uk
info@paco-systems.co.uk

PRODUCT DATA BIOSAN ULTRA

DESCRIPTION
Bactericidal 2-component water dilutable epoxy coating.

MAIN PROPERTIES
Very hard - exceptional abrasion resistance - resistant to oils and solvents.
Solvent free, almost odourless and easy to clean.
Helps to maintain a hygienic environment.

RECOMMENDED USES
For the coating of floors in areas where controlled hygienic conditions are of essential importance and where high abrasion resistance is needed.

TECHNICAL DATA

Appearance:	Semi-gloss (gloss 60°: ± 50%)	
Colour:	Light grey – dark grey – green – red – blue	
Density:	± 1,45 g/cm³ (mixture)	
Solids Content:	In volume:	48 - 50%
	In weight:	64 - 66%
Recommended film thickness:	Wet film:	± 200 micron (consumption: 5 m²/l)
	Dry film:	± 100 micron (consumption: 5 m²/l)
VOC-content:	0 g/l	
Flashpoint:	Not flammable	

Drying times	20°C/50% r.h.
To touch:	3 hours
To recoat:	24 hours
Full hardness	7 days

- At lower temperatures (8 - 10°C), this product can only be recoated after ± 48 hours.
- Potlife after mixing base and activator: 2 hours.

Coverage

Theoretical:	1st coat: 5 - 7 m²/l
	2nd coat: 4 - 5 m²/l
Practical:	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 Rust-Oleum Surfa Etch 108.
Biosan Ultra may not be applied on a flexible paint coat or a moving substrate.

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

Tel: 01626 207064
Fax: 08712 424345
www.paco-systems.co.uk
info@paco-systems.co.uk

PRODUCT DATA BIOSAN ULTRA

APPLICATION & THINNING

Roller/Brush:	Dilute 1st coat with max. 10% water. Apply 2nd coat preferably undiluted.
Air-atomised spray:	Not recommended.
Airless spray:	Nozzle: 021 - 023 / Pressure: 220 bars. 1st coat: dilute with max. 10% water. 2nd coat: dilute with max. 5% water.
Cleanup:	Water.

APPLICATION CONDITIONS
Minimum 8°C and maximum 80% R.H.

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.

SAFETY
Consult Safety Data Sheet and Safety Information printed on the can.

SHELLIFE / STORAGE CONDITIONS
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.

Tel: 01626 207064
Fax: 08712 424345
www.paco-systems.co.uk
info@paco-systems.co.uk

PRODUCT DATA BIOSAN SEALANT

DESCRIPTION
Water based bactericidal elastic jointing paste based on acrylic dispersions.

MAIN PROPERTIES
Forms a rubberlike mass with permanently high elasticity (> 900%) after evaporation of the water - can absorb strong expansions and deformations - alkali resistant - waterproof - very good adhesion - easy application. Helps to maintain a hygienic environment.

RECOMMENDED USES
Sealing, jointing, filling, fixing, glueing on concrete, wood, metal, glass, hard PVC, tiles, plaster, alu-bitumen, etc.

TECHNICAL DATA

Appearance:	Satin gloss (gloss 60°: ± 15%)	
Colour:	White	
Density:	± 1,3 g/cm³	
Solids Content:	In volume:	64 - 67%
	In weight:	72 - 75%
Recommended film thickness:	Wet film:	Max. 10 mm
	Dry film:	Max. 6,5 mm
VOC-content:	Max. 5 g/l	
Flashpoint:	Not flammable	

Drying times	20°C/50% r.h.
To touch:	3 hours, film thickness 8 mm
To recoat:	1 day, film thickness 8 mm
Full hardness	± 1 week, film thickness 8 mm

Coverage
Theoretical per cartridge: For a joint of 10 mm wide and 15 mm deep: ± 6 metres run.
Jointing paste has to be applied in max. 10 mm wet film thickness.

SURFACE PREPARATION
Grind out fine cracks in V-shape till about 0,5 cm wide; if depth > 1/2 x width, apply a back filling. The crack edges must be primed with Parafix, Pegafix or Vernac (diluted with Thinner 22). Hard PVC is to be primed with Primer 44 diluted with 30% Thinner 22, metal and glass with diluted Noxyde.

APPLICATION & THINNING
Tools: Manual spray gun (nozzle free to choose) - spatula, palette knife, glue spreader (combed lime rills ± 3 mm thick).

Cleanup: Water. After drying Biosan Sealant can only be removed mechanically or softened with a synthetic thinner; then remove by rubbing or scratching.

APPLICATION CONDITIONS
Minimum temperature: 5°C. Max. Relative humidity: 80%.

Tel: 01626 207064
Fax: 08712 424345
www.paco-systems.co.uk
info@paco-systems.co.uk

PRODUCT DATA BIOSAN SEALANT

REMARKS

- Joints have to be smoothened with a finger or with a cloth soaked in Thinner 22 or in water (+ soap).
- The surface in contact with the air must be sufficiently large, since Biosan Sealant is to be transformed into a rubberlike mass by evaporation of the water.
- On porous surfaces, always use an appropriate primer.
- The use of Biosan products does not exclude the necessity to clean and disinfect on a normal and regular basis.

SAFETY

Consult Safety Data Sheet and Safety Information printed on the can.

SHELLIFE / STORAGE CONDITIONS

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.