



PRODUCT DATA SHEET

OPTIBACT

Version 1.0 2008, 14 October

OPTIBACT

PRODUCT DESCRIPTION

Formulation: Water-borne

Can sizes : 5LT. Available in a wide range of colours.

OPTIBACT is a durable acrylic resin based emulsion, available in a matt or sheen finish, containing a safe market leading anti-bacterial agent called Eradibac. Eradibac harnesses the key benefits of Silver technology that, when applied to walls and ceilings, reduces harmful bacteria (E.coli, MRSA etc) by 99.99% (tested to ISO 22196).

Composition	Based on a special pure acrylic emulsion resin, pigmented with titanium dioxide and suitably selected pigments and extenders to confer excellent mark and stain resistance.
Volume Solids	35%
Application Method	Brush, roller or spray.
Drying Times	Touch dry: 1 - 2 hours under normal conditions (10-20°C and relative humidity below 85%) and will be recoatable after 4 hours.
Coverage (per lt)	Up to 16m ² /lt. This will vary according to the method of application, porosity and texture of the surface.
Thinning	Sealing new plaster: Add up to 1 part water to 10 parts paint. Conventional spray application: Add up to 15% water to suit equipment. Airless spray application: Thinning not normally required.
Spray Guidelines	Conventional Spray: Satisfactory through most equipment. Airless Spray: Typical tip size 11-13 thou or 0.28-0.33mm. Typical fluid pressure 140 kg/sq.metre or 2000 p.s.i.
VOC Classification	EC Cat A(b) EC VOC limits g/l (2007) 150 / (2010) 100. Max VOC content g/l 30
Cleaning Up	Remove as much paint as possible from brushes and rollers prior to cleaning with clean water.

OPTIBACT is a high performance, anti-bacterial, water-borne coating for areas subject to high levels of traffic. The product is a highly durable, washable matt or sheen emulsion that uses high quality acrylic resins to give it its toughness and the anti-bacterial additive Eradibac to give the emulsion its high level of anti-microbial efficacy. Opti-Bact is resistant to every day stains, marks and scuffs and will wipe clean without burnishing.

OPTIBACT has undertaken a scrub resistance and cleanability test achieving a high grade on a 1-5 scale to BS EN ISO 11998 standard.

OPTIBACT is a very versatile coating with excellent adhesion to old painted surfaces (emulsion or alkyd based). OPTIBACT is suitable for use in areas of high humidity and can be used on internal walls and ceilings.

Where OPTIBACT can help :

When visiting hospitals, dental surgeries, schools, nurseries, retirement homes, food factories, restaurants, public bathrooms or gymnasiums, Healthcare Acquired Infections (HAI) are a major hazard. By applying OPTI-BACT to your walls and ceilings, the level of harmful bacteria is dramatically reduced resulting in the reduction of infections*.

*Protec recommends the use of OPTI-BACT in conjunction with a regular cleaning schedule.

