

The Advanced Material

The Significant Differences...

PRODUCT DATA SHEET

Rev. 1/04.05

SANICOAT 320 PU

ANTI-BACTERIAL WATER BORNE URETHANE COATING

DESCRIPTION

SANICOAT 320 PU is a water-based aliphatic polyurethane wall coating with anti-bacterial properties. It has a reliable fungi and bacteriostatic effect against a large number of grampositive and gramnegative bacteria, yeast and fungi. It is formulated using special polyurethane dispersion, which gives very good wash ability and excellent resistant against cleaning and sanitizing chemicals.

RECOMMENDED USES

SANICOAT 320 PU is formulated as an external and interior coating for commercial and residential buildings. It is also highly recommended for hospitals, medical centres, clinics, and other public facilities that require clean and hygienic environment especially critical areas like operating theatres to prevent cross infection of patients.

ADVANTAGES

- Excellent alkali and fungal and UV resistance.
- Effective resistance against bacterial, viral and fungal growth.
- Contains non-toxic anti-bacterial additives.
- Adhesion - Excellent adhesion over concrete and masonry surfaces.
- Excellent performance on old, painted and new surfaces.
- Can be applied by spray, roller or brush.
- Easy application - simple mixing and application procedures.
- Good resistance against cleaning chemicals.
- Water-based, does not contain any VOC.

PHYSICAL DATA

Finish : Semi-Gloss
No. of Components : One
Recommended : 100 microns DFT
Thickness
Theoretical : 4m²/litre @ 100 microns
Coverage : DFT
No. of coats : Two
recommended
Drying Time : Touch dry 20 minute
Topcoat 3 hours
Packing Size : 20 litres
Thinner & Cleaner : Clean water

APPLICATION INSTRUCTIONS

SURFACE PREPARATION : Remove oil or grease from surface to be coated with clean suitable detergent and high pressure water-jet for concrete surfaces. New concrete shall be allowed to cure for at least 14 days before application of coating. For painting on old surfaces, loose paint film must be removed by high-pressure water jet. Algae and fungal growth must be completely removed and surfaces treated with biocide solution. For surface cracks, patch the surface with sealant or filler before painting.

MIXING : Not required but for materials kept for a long time, light agitation might homogenise the slight separation during the long storage.

APPLICATION : **SANICOAT 320 PU** can be applied by roller, brush or by airless spray. For spray applications, hold gun 2 to 3 feet from the surface and at a right angle to the surface. Make a 50% overlap with each pass of the gun. For brush and roller applications, apply in one direction with overlapping between passes.

THINNING : Not recommended but can be thinned up to 10% with clean water for workability if necessary.

DRYING : Allow to cure for at least 3 hours before top-coating.

CLEANING : Clean all tools and equipment with clean water immediately after use.