

Bizzar

SANITECT (W)

A Total Anti-Bacterial Coating System



PROVIDING A HEALTHIER
INDOOR ENVIRONMENT

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BIZZAR Sanitect (W) Anti-bacterial coating system for hygienic environment

It is a social problem that contagious diseases caused from different virus are transmitted inside clinics and hospitals.

In response to the need for "Hygiene" and "Good Health", preventive measures against such indoor infection has been public concern.

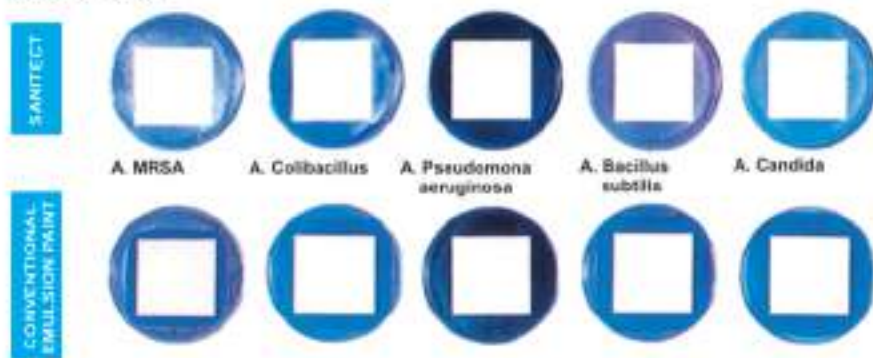
BIZZAR has launched anti-bacterial coating system, "SANITECT (W)" applicable to all kinds of internal surface and enhancing protection against bacteria for hygienic environment.

Indoor infections is a social problem now.

- Today, our housing condition is providing indoor environments to breed micro-organisms such as mould, fungus, algae, etc. which causes influence to human bodies.
- Thus, coating system is expected to play an important role as a preventive measure.

ANTI-BACTERIAL PERFORMANCE

Bacteria/Yeast
(A. Bacteria, B. Yeast)



Halo Test (Test method)

Square samples (in white color) are attached to agars implanted with various bacteria. After incubation inhibition to growth of bacteria is evaluated according to existence of obstructing ring (halo) around those samples.

Test method for evaluation

Medium : A. Bacteria SCD implanted in agar
Medium : B. Yeast implanted in agar
Sample size : 5cm x 5cm
Incubation : A. for 3 days at 35°C
 B. for 3 days at 30°C

SUPERIOR DURABILITY & CHEMICAL RESISTANCE

BIZZAR "SANITECT (W)" provides a hard-wearing paint film formed by reactive curing and provides durability and various chemicals resistance including disinfectant, alcohol, and detergent.

USES

- Interior of hospitals, clinics and other medical facilities
- Interior of food processing plants and food catering centres
- Interior of public facilities such as schools, daycare centers and kindergartens
- Interior of restaurants, cafeteria and dining halls
- Interior of hotels and private residential apartments
- Interior of nursing homes and homes for the aged(interior applications include usage on ceilings, skirting, doors and walls)

BIZZAR Sanitect (W) Reactive Curing Acrylic resin water based paint

a) The anti-bacterial painting system shall comply with the following application specifications:

Primer : Apply 1 coat of Bizzar G.I. Primer, an anti-bacterial water - based acrylic sealer, by roller / Brush / Spray. Allow two hours over coating system.

Finishing : Apply 2 coats of Bizzar Sanitect (W), an anti-bacterial reactive curing acrylic resin water - based paint, by roller / Brush / Spray. Allow 24 hours for final curing.

Sample Description : Bizzar Sanitect (W) Antibacterial Paint

S.No.	Performance Test	Result	Test Method
1.	Drying time at 20°C (a) Touch dry, minutes (b) Hard dry, hrs.	50 1:35	IS :101 (P-3/Sec.-1) 86 IS :101 (P-3/Sec.-1) 86 IS :101 (P-3/Sec.-1) 86
2.	Condition in Container	The material shall be free from odour of purefaction, lumps skins	IS:15489-2004 Guideline
3.	Finish	Smooth and Uniform	IS :101 (P-3/Sec.-4) 87
4.	Alkali Resistance	No change in characteristic of material for Softening, blistering, cracking and colour	IS:9862/81 Guideline
5.	Resistance against repeated wetting warming and cooling action.	Not change of colour signs of other deterioration of the material coating	IS :101 (P-7/Sec.-3) 1990
6.	Opacity (M ² /Coat/Ltr.)	1.01	IS :101 (P-4/Sec.-1) 88
7.	Gloss at 60°C	2.6	IS :101 (P-3/Sec.-1) 88
8.	Low Temperature Stability (-5°C)	The material is free from lumps,skins, settling and is capable of thinning suitably for application.	IS:5411/74 Guideline

Sample Description : Bizzar Sanitect (W) Antibacterial Paint

S.No.	Microbiological Test	Result
1.	E.coli	No growth observed at 37°C for 48 hrs
2.	S. Aureus	No growth observed at 37°C for 48 hrs
3.	Pseudomonas Aeruginosa	No growth observed at 37°C for 48 hrs
4.	Bacillus subtilis	No growth observed at 37°C for 48 hrs
5.	Candida albican	No growth observed at 25°C for 5 Days.

Colour Availability

