

# Antibacterial test of the paint

(JIS Z 2801)

**【Super Terra】**



Table 2 - Antibacterial active value of “Super Terra”

Strains	Samples	Bacteria count(Ave.)	
		First Occurrence	After 24 hours
Eschericia coli	Blank Average log10	5.2	6.9
	Super Terra (Surface) Average log10		3.6
	Super Terra(Surface)Antibacterial Active value		3.3
Staphylococcus aureus	Blank Average log10	5.5	5.4
	Super Terra (Surface) Average log10		1.0
	Super Terra(Surface)Antibacterial Active value		4.4
Pseudomonas aeruginosa	Blank Average log10	5.3	6.7
	Super Terra (Surface) Average log10		2.3
	Super Terra(Surface)Antibacterial Active value		4.4
Bacillus subtilus	Blank Average log10	5.4	5.4
	Super Terra (Surface) Average log10		3.1
	Super Terra(Surface)Antibacterial Active value		2.3
Salmonera typhimurium	Blank Average log10	5.3	5.5
	Super Terra (Surface) Average log10		2.3
	Super Terra(Surface)Antibacterial Active value		3.2

**【Evaluation】**

The sample coated with the newly developed paint “Super Terra” was able to reduce the number of bacteria for every microorganism strains tested.

The “Super Terra” paint has a sterilizing effect.