

Product Information

Comparison of antibacterial effectiveness of various materials

tested at SGS Fresenius institute

material		hygienic relevant test bacteria				summary
		Pseudomonas aeruginosa	Staphylococcus aureus	Salmonella choleraesuis	Escherichia Coli	
		Effectiveness (powers of ten)				
Duropal	microPLUS	>4,9 ***	>4,8 ***	>4,9 ***	>4,4 ***	strong effect
Duropal	microPLUS	>4,9 ***	>4,8 ***	>4,9 ***	>4,4 ***	strong effect
Stone	granite marble	-0,6	0,2	0,1	<-1,0	no effect
Ceramic		<-0,6	0,3	0,3	<-1,0	no effect
Steel	high grade steel	0,2	1,8 *	2,1 **	<-0,1	small effect
Plastics	pvc	-0,3	0,2	0,2	<-0,8	no effect
	acrylic	-0,5	0,2	0,1	<-1,0	no effect
	mineral filled surface material	0,3	0,6	0,5	<-0,5	no effect

- *) small Effect
- **) significant effect
- ***) strong significant effect

Summary:

With reference to the other tested surfaces **DUROPAL microPLUS** has a more than 1000 times higher antimicrobial effectiveness.