

## Product information

### Determination of antibacterial activity of PVC Sheets

Material	SimplyClad® Ag+ AMS
Product	Sheets, extruded
Standard	ISO 22196 – 20111
Report-no	AM 12/045 II (External laboratory)
Test procedure	37°C / 24 hours, covered with a regular film
Test method	“R” – $R = \log(B/C)$ , comparison test
“R”	Value of antibacterial activity expressed as log-reduction
“B”	Average of the number of bacteria on the control samples, i.e. Samples without antimicrobial additive after incubation for 24 hours
“C”	Number of bacteria on the antimicrobial treated samples after Incubation for 24 hours

Test result “R”	
Escherichia coli	98,3%
Staphylococcus aureus	97,4%
MRSA	99.99%

The product SimplyClad® was tested for bactericidal surface according to ISO 22196-2011 against, Staphylococcus aureus and MRSA (Staphylococcus aureus, Methicillin resistant).

### Conclusion:

The criteria of ISO 22196-2011 have been fulfilled. SimplyClad® clearly shows antibacterial behaviour partly even bactericidal properties. In most cases this strain was killed more or less completely on the surfaces treated with SimplyClad® AMS Ag+ Antimicrobial Sheet.

This information was provided by machine and requires therefore no signature.

Advice: This product information serves alone for informative purposes. Warranties, assurances and guarantees cannot be derived from this.

