

# CERTIFICATE

on the antimicrobial properties of

## AS-100 ANTI MICROB TAPE\*

of the company

**A-SPE Europe Sp.j.**

Agatowa 5

Gronowo Górne 82-310

Poland

has been successfully tested against

*E. coli* DSM 1576 ATCC8739

*Acinetobacter baumannii* DSM 30008 ATCC15308

*Enterococcus faecium* DSM 20477 ATCC19434

*Candida albicans* DSM5817 ATCC10259

as a n t i m i c r o b i a l with a reduction of  $\geq 99.99\%$

according to ISO 22196 (modified)

In contrast to the standard method of the test, the modified test was performed at room temperature, in a dry environment and under the influence of a special light source ( $300 \mu\text{W}/\text{cm}^2$ ) with the spectrum of visible light.

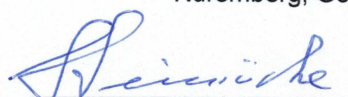
Additional controls show that the antibacterial effect is based on the photocatalytic effect of the tested coating.

\*For details, see Test Report No. 3763.1 – 3763.4, Sample 1 AS-100 Antimicrobial tape  
ID: 103450809200009

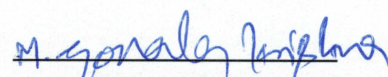
The bearer of this certificate is entitled to affix the following seal to parts or surfaces made from the tested material



Nuremberg, Germany, September 23<sup>rd</sup>, 2020



Managing Director



Technical Director