

# CERTIFICATE

on the antimicrobial properties of materials

The product

**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  
*Staphylococcus aureus* DSM 799 / ATCC 6538

as antimicrobial 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.

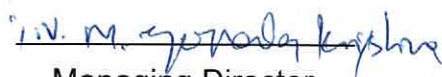
Additional controls show that the antibacterial effect is based on the photocatalytic effect of the tested coating.

\*For details, see Test Report No. 3752, Sample: Sample 1 AS-100 Antimicrobial tape  
ID: 103452608200003

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



Nuremberg, Germany, August 31<sup>st</sup>, 2020

  
Managing Director

  
Technical Director