IMSL

INDUSTRIAL MICROBIOLOGICAL SERVICES LTD

**CERTIFICATE OF ANALYSIS** **CERTIFICATE NO.** **1040799.1B**

**CUSTOMER**

Convex Design
93 G. Gennimata Avenue,
190 18, Magoula, Attiki Greece

**SAMPLE DETAILS** **DATE RECEIVED** 09-Oct-20

Antimicrobial Powder Coating

**METHOD: (Determination of Antibacterial Activity using ISO 22196: 2011)**

**DATE ANALYSED** 14-Oct-20 **DATE REPORTED** 20-Oct-20

**RESULTS (AS CFU CM$^{-2}$)**

| SAMPLE | | CONTACT TIME 0 | CONTACT TIME 24 | LOG REDUCTION | % REDUCTION |
|---|---|---|---|---|---|
| IMSL Polypropylene | *E coli* | 1.7E+04 | 2.7E+05 | | |
| Antimicrobial Powder Coating | *E coli* | 1.7E+04 | ≤ 1.0 | ≥ 4.2 | ≥ 99.99 |
| IMSL Polypropylene | *S aureus* | 1.9E+04 | 7.3E+03 | | |
| Antimicrobial Powder Coating | *S aureus* | 1.9E+04 | ≤ 1.0 | ≥ 4.3 | ≥ 99.99 |
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The above data shows the difference in the population following contact with the surface of the samples listed for 24 hours at 35°C under a RH of > 95% relative to the Initial Population. The sample of Antimicrobial Powder Coating demonstrated antibacterial activity under the conditions imposed by ISO 22196: 2011

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