

AMC METAL CEILING SOLUTION



Why Choose AMC Metal Ceiling?

Anti-Microbial Coatings (AMC) work by **preventing bacteria, fungi, and viruses from adhering to a surface and destroying the microorganisms they come in contact with.** With resistant bacteria on the rise, antimicrobial coating is one way to protect ourselves and others against the threat of infection and illness.

CKM has been closely cooperating with our partner to develop anti-microbial coating related products. AMC metal ceilings work through additives, these materials effectively inhibits and prevents the spread of bacteria and the growth of fungi and mould; they contribute to overall hygiene and reduce the risk of mould, fungi and food-borne illnesses. AMC coatings conform to **EU's RoHS and REACH**, and are certified by **SGS**, Food Industry Research and Development Institute in compliance with **JIS Z 2801:2010** and **ASTM G21-15** for their efficacy in suppressing the growth of *Staphylococcus aureus*, *Pseudomonas aeruginosa*, *Escherichia coli*, *MRSA*, and *Klebsiella pneumoniae*.

Antibacterial Effectiveness - Legionella Pneumophila

▲ Standard : JIS Z2801:2010 ▲ Lab : Food Industry R&D Institute



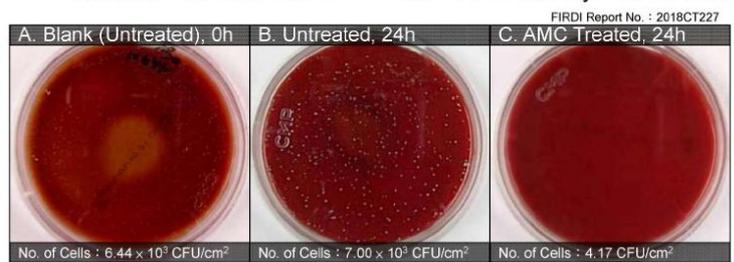
Antibacterial Activity $R = \log(\text{Blank CFU, 24h}) - \log(\text{AMC CFU, 24h}) = 4.2$

★ $R \geq 2.0 \rightarrow$ Product has antibacterial effectiveness★

※The average values of antibacterial activity (R) shall be greater than 2.0 for antibacterial efficacy

Antibacterial Effectiveness - Corynebacterium Diphtheriae

▲ Standard : JIS Z2801:2010 ▲ Lab : Food Industry R&D Institute



Antibacterial Activity $R = \log(\text{Blank CFU, 24h}) - \log(\text{AMC CFU, 24h}) = 3.2$

★ $R \geq 2.0 \rightarrow$ Product has antibacterial effectiveness★

Right product for the right place

- Clean room
- Healthcare institute
- Hospitals
- Hotels
- Laboratory
- Schools
- Workplaces



Versatile



Durable



Mould-Resistant



Environmentally Friendly



Dust Proof



Light-Weight



Prolonged Performance



Prolonged Performance

