

## Why realzinc™ HIGIENE is Highly Preferred

The realzinc™ HIGIENE GI sheet is not a paint but a transparent organic resin coating made from unique silver nanoparticles with antimicrobial and anti-fungal properties applied onto the galvanized steel surface.

Rest assured, when engineers or contractors choose to incorporate realzinc™ HIGIENE as a part of your ventilation system, you will experience the following tangible advantages:-



### Breathe in healthier, cleaner air

**Goodbye bacteria, farewell fungus** - realzinc™ HIGIENE GI is certified by the Food Industry Research and Development Institute in compliance with JIS Z 2801 for its efficacy in curbing the growth of eight types of bacteria\* as well as certified by SGS in compliance with ASTM G21 for its efficacy in suppressing the growth of five types of fungus\*.



### Longer-lasting durability

- ✓ Heat resistant up to 200°C
- ✓ Good humidity resistance
- ✓ Abrasion resistance
- ✓ Corrosion resistance
- ✓ Extra-smooth surface ensures antimicrobial functioning, slows down aging



### Easier maintenance, less cleaning

- ✓ Alkaline resistant
- ✓ Higher white rust resistance
- ✓ Prevents fluting
- ✓ Less blackening



### Contractor-friendly

- ✓ **Anti-fingerprints** solves a common issue during site handling and installation
- ✓ **Post-paintable**

*\*Anti-bacterial - (1. Staphylococcus aureus; 2. Acinetobacter baumannii; 3. Salmonella enterica; 4. Pseudomonas aeruginosa; 5. Escherichia coli; 6. Klebsiella pneumoniae; 7. Legionella pneumophila and 8. Penicillium funiculosum)*

*\*Anti-fungal - (1. Aspergillus brasiliensis ATCC 9642; 2. Penicillium funiculosum ATCC 11797; 3. Chaetomium globosum ATCC 6205; 4. Trichoderma virens ATCC 9645; 5. Aureobasidium Pullulans ATCC 15233)*

scan here for more information:



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HIGIENE+  
realzinc™



## STEEL THE KEY TO HEALTHIER LIVING

Experience the comfort and freshness of realzinc™ Higiene for a healthier living.



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