



# AcuraCoat<sup>®</sup> Anti-Microbial Coating

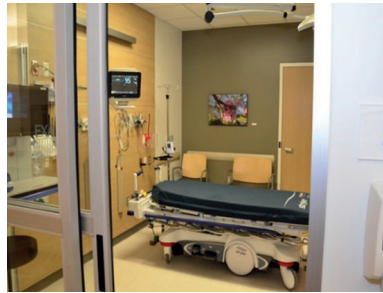
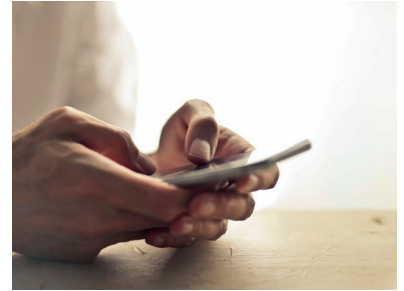
## Anti-Microbial Hard Glass Coatings by Online Chemical Vapor Deposition

The rise of COVID-19, SARS, MRSA, black mold, E. coli, C. difficile, and drug-resistant superbugs is reshaping the way we approach daily life. According to the CDC, up to 80% of infections are transmitted through contact with contaminated surfaces. Combat this threat and protect against harmful microbes with permanent, non-toxic anti-microbial glass coatings that eliminate 99.9% of viruses, bacteria, molds, fungi, and algae.

Stewart's Acuracoat® Online CVD process produces anti-microbial coatings (as well as low emissivity, reflective, and solar absorbing coatings). These coatings are "burned" onto the surface of the glass and are permanent. Kill germs, reduce CO<sub>2</sub> emissions, and increase margins by adding a Stewart Acuracoat® system to your existing float line, or by purchasing a Stewart turn-key float line with Online CVD.

## Applications

- Restaurant booth dividers
- Reception desks and teller windows
- Desktop cover glass
- Tabletops
- Cutting boards/Trays
- Hospital windows
- Office dividers
- Touchscreens
- Counter-tops
- Back splashes
- Refrigerator Shelves



## How It Works

Photocatalytic glass coatings generate reactive oxygen, which oxidizes organic materials and eliminates harmful microbes. Proven effective in both JIS Z 2801 and ISO 22196 tests, these coatings offer permanent protection that microbes cannot develop resistance to. The antimicrobial coating is highly effective against viruses, gram-negative and gram-positive bacteria, molds, fungi, and algae.