

Kindergarten Fights Germs with Copper Touch Surfaces

Challenge

The Mejiro Day Care Center in Hachioji, Japan, wanted a safe, germ-free environment in which their children could play and learn. The director and teachers at the Center take infection control very seriously, installing air purification units, as well as running rigorous hand and oral hygiene programs. However, they were still in search of better measures to protect the children.

Solution

The Mejiro Day Care Center installed a range of touch surfaces, from basins, taps, door push plates and handles to meal-serving benches and carts made from brass, a copper alloy. The use of antimicrobial copper protects young children with low immunity systems from pathogens such as flu viruses.

Results

Through the Japan Copper Development Association, Japan's childcare industry has learned about copper's ability to resist bacteria. Parents and children at the Mejiro Day Care Center have a clearer understanding about infection control, and the role that copper and copper alloys can play in the fight against the spread of germs from person-to-person contact.



Children washing hands in copper basin



Antimicrobial copper door handle