

# HCD Enhanced Range Internal Cladding System

HygienaClad

**Antimicrobial hygienic cladding  
for all environments.**

HygienaClad HCD Enhanced range of cladding is available in White and three colours from the Natural range.

The HCD Enhanced product is the HCD Standard sheet with a silver-ion coating which not only prevents bacteria growth but also a hard surface coating preventing scratching.

### **How does it prevent bacteria growth**

Silver is nature's antimicrobial, which makes it perfect for environments with direct food handling, pharmaceutical manufacturers and hospital environments where ensuring that micro-organisms are not allowed to proliferate and contaminate products or human health is paramount.

Silver acts in three specific modes of action against micro-organisms, it inactivates critical physiological functions, has a high affinity for negatively charged side groups on biological molecules and bonds to nucleic acids such as RNA and DNA, preventing replication.

Because silver has these three modes of action rather than one, it is extremely unlikely that micro-organisms could develop resistance to it. Research has shown that silver ions are bactericidal against nearly 150 strains of bacteria as well as common fungi. Evidence is also mounting that silver ions have powerful antiviral effects.

### **Is it Proven**

HCD Enhanced has been laboratory tested by CIBA (Independent Laboratory) and has been proven to control the growth of M.R.S.A, E Coli and VRE (using mod aatc100) showing a reduction of up to 99.9% in some results.

### **How is it Fitted**

HCD Enhanced is fitted exactly the same as all our other products, which allows it to be installed by all our installers who are experienced in fitting Hygienic Wall Cladding to a high standard. It is fully bonded to the building substrate using a two part polyurethane glue and all the sheets are joined with a two part trim. Where silicon is required a high quality anti-bacteria silicon is used to maintain the protection.

### **Availability**

White is normally a stock item and the 3 natural colours are available with a short leadtime.

### **Contact Us:**

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