

CES with Assure®

Environments that work with you

Corus has brought together industry expertise to develop hygienic construction systems and solutions for high care environments. The systems are easily installed, long-lasting and reduce contamination in between routine cleaning and in hard to clean areas by combining world-class antimicrobial technology with innovative product design.

Healthcare



CES (Controlled Environmental Surfaces)

The CES range of pre-finished steel from Corus has been designed to offer surfaces that are safe, non-toxic, chemically inert and taint free. The CES400 product is ideal for use in partitioning systems in healthcare environments.

Key features of CES400;

- Exceptional durability and dent resistance
- Smooth finishes
- Compatible with cleaning regimes
- Easy to clean

Assure®

Assure is the combination of coating technology and antimicrobial protection from Corus. During the manufacturing process, the antimicrobial technology is added to the coating when it is in a liquid phase. On curing, the antimicrobial active ingredients are incorporated throughout the structure of the coating, including the surface. As the system is always in equilibrium, there is always active antimicrobial protection present on the surface. This is the case no matter what cleaning process is applied to the surface.

Bacteria that are deposited on the surface, both from environmental or cross-contamination routes, will be prevented from growing, and will die.

Key features of Assure;

- Reduces microbial loading
- Effective against a wide range of bacteria, including MRSA and other HAIs
- Proven, safe technology
- Continual long lasting protection
- Technology can be tailored to suit a particular environment

CES with Assure®

CES with Assure can be used in hygiene critical environments, and is ideal for use on walls, ceilings and doors in various environments including;

- Operating theatres
- Mortuaries
- Hospital wards
- Treatment rooms

The recommended Assure specification for healthcare environments incorporates silver technology which provides effectiveness against a range of bacteria, moulds and yeasts. CES400 with Assure helps to reduce the risk of cross-contamination from surfaces to patients or equipment. The advantages of using pre-finished steel as a carrier for this technology is that antimicrobial protection can be delivered in a format that is extremely robust, durable and flexible.

Durability

Since the antimicrobial technology is built into the coating, the effect is long lasting and will not be adversely affected by typical cleaning agents. Independent laboratories have investigated the durability of CES400 with Assure. An ageing method has been specifically developed to examine

the effects of both abrasive cleaning and contact with typical cleaning agents. The results indicate that the Assure antimicrobial technology will be effective for at least 25 years.

Efficacy

Assure technology is effective against a broad range of spoilage organisms, harmful pathogens such as Listeria monocytogenes and against the organism MRSA, which can cause hospital acquired infections. Contact of the surface with biological matter will not affect the long term antimicrobial properties of the product, however it is recommended that any such matter on the surface is removed in line with daily cleaning regimes.

Antimicrobial protection is not a substitute for good hygiene practices, but significantly increases the level of protection against bacteria and other microorganisms.

Safety

Antimicrobial protection is either approved by, or in compliance with, the regulations of;

- The European Union Scientific Committee for Food
- The Australian and New Zealand Food Authority
- The United States Food and Drug Administration
- The Environmental Protection Agency

Complete Systems

Corus has developed systems with product manufacturers to develop robust and well-designed solutions for healthcare environments such as operating theatres, washrooms, wards, laundry rooms and kitchens. These systems are designed to be easily cleaned, easily repaired, long lasting and demountable to allow for regular inspection and maintenance.

Examples of applications for CES with Assure include;

- Modular construction systems
- Partitioning systems
- Air-handling equipment

CES with Assure is already being used within high-care environments and has been particularly well received within the healthcare sectors

CES120 and CES35 can also be used within healthcare environments for environments such as food preparation and applications including air handling units.

For the ultimate piece of mind specify CES400 with Assure by Corus.

For literature, case studies and general enquiries please contact:

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