



Technical Datasheet

CLEAN COATINGS:

Cipy, the pioneers of floor coatings and wall coatings offer hygienic, anti-microbial coatings for industries where stringent hygiene controls are observed.

Cipy Clean Coatings employ a special anti-microbial additive Ultra Fresh® in flooring and wall coating formulations to offer 100% inhibition against all types of micro organism.

Why Ultra fresh?

Ultra fresh is a new generation internationally acclaimed anti microbial agent from TRA, proven to inhibit the growth of over 30 micro organisms such as bacteria, fungi, yeasts, algae and dust mites which cause odours, staining, deterioration and in some cases allergies.



The symbol of
cleanliness

Types of micro organisms that Ultra fresh inhibit:

- ±! Bacteria :
 - Unicellular organism which cause odour and infection.

- ±! Gram positive bacteria :
 - Bacillus cereus.
 - Bacillus mycoides.
 - Bacillus subtilis.
 - Brevibacterium ammoniagenes.
 - Brevibacterium epidermidis.
 - Corynebacterium pseudodiphtheriticum.
 - Enterococcus faecalis.
 - Listeria monocytogenes.
 - Listeria welshimeri.
 - Nocardia asteroides.
 - Staphylococcus aureus (& MRSA).
 - Staphylococcus epidermidis.
 - Streptococcus pyogenes.
 - Streptovorticillium reticulum

- ±! Gram negative bacteria.
 - Acinetobacter calcoaceticus.
 - Enterobacter aerogenes.
 - Enterobacter cloacae.
 - Escherichia coli (& 0157:H7).
 - Klebsiella pneumoniae.
 - Morganella morganii.
 - Proteus mirabilis.
 - Proteus vulgaris
 - Pseudomonas aeruginosa.
 - Salmonella choleraesuis.
 - Shigella sonnei.

- ±! Mould & Fungi
 - Multi cellular organism which cause staining.
 - Chaetomium globosum.
 - Curvularia genticulata.
 - Cladosporidium herbarium.
 - Epidermophyton Floccosum
 - Fusarium oxysporum

Ultra fresh stop the metabolism of micro organism, followed by atrophy caused by starvation.




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Clean floors for sterile areas:

Cipy's Epoxy, PU and EPU based floor coatings with Ultra fresh, offer long term protection against the growth of mould, bacteria and other harmful micro organisms.

The system consists of primer, screed and self levelling toppings, ranging from thickness of 500 microns to 5000 microns.

The sign of  shows that Cipy Clean Coatings are protected

with Ultra fresh line of microbial treatments. All Cipy Clean Coatings are tested in TRA laboratories and have been certified to be protected against micro organisms.

Markets served:

- | | |
|--------------------------------|--------------------------------------|
| ±! Pharmaceuticals. | ±! Hospitals and operation theatres. |
| ±! Food processing industries. | ±! Health care units. |
| ±! Dairy products. | ±! Flight kitchens. |
| ±! Meat processing areas. | |

Aseptic wall coatings for sterile areas:

Cipy wall coating – Walkote 2K is water based (PUD), non-leaching and hard wearing that will tolerate harsh cleaning agents and other chemicals. Fortified with unique Ultra fresh, Walkote 2K is a two component water borne polyurethane (cured with a hydro philic poly-isocyanate hardner) coating which is designed to yield a highly resistant film on par with solvent borne coatings and much superior to conventional single pack water borne systems. Walkote rapidly develops its strength and other physical properties and cures without the release of hazardous aromatic solvents, thus ensuring that the work routines are not disrupted.

Unlike the traditional single component water based paints, the anti microbial system fortified with Ultra fresh does not leach out and so is active through out the life of the product.

Walkote 2K, a tough, silky coating is an aliphatic two component system unaffected by UV radiation.

Walkote 2K, is elastomeric – expanding and contracting with thermal movements of the substrate.

The country's first 2K water borne PUD coating, Walkote 2K is ideal for use where hygiene is a top priority and the need is for highly chemical and abrasion resistant coating.

The single component, PUD based coating, Walkote is available, fortified with Ultra fresh.