CRITICAL CONTAMINATION CONTROL CLEANZONE-FLEXI

AIR  FOOT  WHEEL
CONTAMINATION & CROSS CONTAMINATION... A COSTLY PROBLEM IN MORE WAYS THAN ONE

Air, foot and wheel contamination in manufacturing, processing and storage areas can have an impact on many aspects of business, interrupting production, reducing product yields and in serious cases, tarnishing reputations.

The focus for conventional contamination control is airborne and personnel movement – the real problem lies at floor level so the need to control contamination is vital.

THE RISK TO YOUR BRAND

Your company’s reputation will be tarnished, perhaps irrevocably, if you have to recall a contaminated product.

THE RISK TO YOUR PROFITS

Your bottom line – your company’s ultimate financial wellbeing – will suffer every time you have to recall a product.

THE RISK TO HEALTH & SAFETY

The health and safety of your employees and customers will be endangered by a contaminated environment and contaminated products.

“POLYMERIC SOLUTIONS OFFER ADVANTAGES FOR PARTICLE LEVEL CLEANLINESS IN TERMS OF REMOVAL OF PARTICLES FROM FOOTWEAR AND AVOIDING THE PARTICLE GENERATION WHICH ARISES FROM THE PEELING OF ADHESIVE MATS”

Dr Tim Sandle, Bio Products Laboratory, Elstree Hertfordshire, UK
WHAT IS CLEANZONE-FLEXI?

Introducing the all new self-install Dycem high performance contamination control system that prevents up to 99.9% of foot, wheel and airborne contaminants from entering or exiting your critical control points.

The CleanZone-Flexi is a 1 to 6 month replacement system with proven 99.9% contamination control efficiency. The high surface energy attracts, collects and retains dirt, dust and bacteria between cleaning.

CleanZone-Flexi is manufactured with Biomaster (a silver antimicrobial) as an integral ingredient, providing effective and lasting antimicrobial protection.

Biomaster is proven to reduce the growth of harmful bacteria such as Campylobacter, MRSA, E.Coli, Listeria, Salmonella and many others by up to 99.9%.

SPECIFICATIONS

- **COLOUR AND SIZES**
  Light blue. Standard width 1.2m.

- **MATERIAL THICKNESS**
  1mm nominal tolerance +/- 0.1mm.

- **WEIGHT**
  Nominal 1.27kg/m² - 30.2lb/ft².

- **COMPLIANCE**
  CE to BS EN 14041:2004, REACH and California Proposition 65.

- **CO-EFFICIENT OF FRICTION**
  ≥ 0.30 in accordance with EN 13893 and shall be declared as Technical class DS.

- **TENSILE STRENGTH N**
  MD 608, CD 440.

- **ANTI MICROBIAL**
  Dycem Contamination Control Flooring solutions are manufactured with Biomaster (a silver antimicrobial) as an integral ingredient, providing effective and lasting antimicrobial protection.

- **LOAD RESISTANCE**
  Recommended for use with pedestrian traffic and light wheeled carts up to 100kg (220lbs) in weight.

- **CLEANING**
  Recommended for use with Vikan cleaning systems and Inspec 10 solution.
PERFORMANCE

“WE HAVE SEEN SIGNIFICANT IMPROVEMENTS IN OUR CONTROLLED AREAS SINCE THE INSTALLATION OF DYCEM”
Iulian Lazaroae, Continental, Sibiu Site, Romania

“WHEN OVERSTRIKING ON DYCEM A FURTHER 90.3% OF PARTICLES ARE REMOVED FROM OVERSHOES, COMPARED WITH AN INCREASE OF UP TO 381.9% BEING DEPOSITED BACK ONTO THE SHOES USING PEEL-OFF MATS” Dr Tim Sandle

FLEXIBLE CLEANING
Easily adapted into your standard operating procedures.
Clean with Dyceem’s Inspect10 cleaning solution or with a range of readily available cleaning and disinfectant solutions.
Simply clean once per shift for maximum contamination control efficiency.

FLEXIBLE CYCLE
CleanZone-Flexi can be easily adapted into any short term solutions.
CleanZone-Flexi is seen as an ideal introduction to Dyceem CleanZone.
Available in a range of flexible contract lengths to suit your individual needs.
An audit friendly system.

FLEXIBLE SELF-INSTALLATION
Ideal for temporary applications in referb areas.
Ideal for smooth floors i.e. vinyl and epoxy.
Perfectly suited for pedestrianised traffic and light wheeled carts.

DYCEM’S UNIQUE LOW PROFILE SYSTEM INCORPORATES TRI-LAYER TECHNOLOGY, ENSURING MAXIMUM COLLECTION AND RETENTION OF CONTAMINATION
“POLYMERIC FLOORING IS EFFECTIVE IN THE CONTROL OF VIABLE, BIOLOGICALLY ACTIVE, PARTICULATE UNDER CIRCUMSTANCES WHERE PEEL-OFF MATS CAN BE ALMOST TOTALY INEFECTIVE”
Gerry Prout, Kennet Bioservices Ltd, Stratton St Margaret, Wiltshire, UK

“POLYMERIC FLOORING IS MUCH MORE EFFECTIVE IN CONTROLLING BOTH VIABLE AND NON-VIABLE PARTICLES THAN PEEL-OFF MATS”
Dr Caroline Clibbon, GlaxoSmithKline, Ware, UK
### SIZE

The size of the CleanZone-Flexi will depend on footfall and traffic frequency, therefore it is always suggested that we perform a detailed site visit and survey to establish your needs.

Our system comes in multiple sizes which allows integration into any scenario.

### FALSE ECONOMY

**Do you use just one peel-off mat?**

**Do you only peel that mat once per shift?**

If the answer to either of these questions is YES, then you won’t be spending much on Peel-off mats, but you are taking a huge risk.

### WHERE TO USE

All entry and exit points to critical areas to prevent ingress and egress of contamination and to stop the spread of potent compounds:

- Gowning rooms
- Step-over benches
- Pedestrian airlocks
- Material airlocks
- Air showers
- Laboratory entrances
- GMP corridors
- Work stations
- Isolation chambers

### “USING DYCEM INSIDE THE CRITICAL AREA ADJACENT TO PRODUCTS AND PROCESSES DRAMATICALLY REDUCES AIR BORNE CONTAMINANTS BY UP TO 60%”

L. Ranta, Mcon Labs

### ECONOMY TIP

**CONSIDER USING DYCEM INSIDE CRITICAL AREAS IF CONTAMINATION IS A RISK TO PROCESSES**

**SMALLER AREAS SUBJECTED TO CONCENTRATED TRAFFIC MAY REQUIRE FREQUENT REPLACEMENT OF DYCEM TO ENSURE UP TO 99.9% CONTAMINATION CONTROL EFFICIENCY**
ENVIRONMENTAL IMPACT

Disposing of adhesive peel-off mats which are heavily laden with hazardous contaminants is a very costly exercise.

Dycem is easily integrated into your SOP and can be cleaned as part of your regular floor cleaning schedule.

Dycem does not impact on your daily waste volumes and can either be disposed of normally in regular waste or recycled into less critical applications.

“OVER A PERIOD OF TWO YEARS, THE USE OF RECYCLABLE POLYMERIC FLOORING SAVES APPROXIMATELY 18 TONNES OF RAW MATERIAL”

Gerry Prout, Kennet Bioservices Ltd, Wiltshire, UK

215,000 PARTICLES ARE RELEASED INTO THE ATMOSPHERE DURING THE RIP UP PROCESS

ONLY 27% OF FOOT AND WHEEL-BORNE CONTAMINATION IS PREVENTED BY PEEL-OFF MATS

DYCEM IS ISO:14001 CERTIFIED
VALUE

FLEXIBLE PAYMENT
Flexible contracts allowing a choice of a variety of solutions.
Solutions that allow integration into any budgetary constraints.
No need for capital investments.

FLEXIBLE COST
Price point matches your usual spend if you’re using Peel-off mats.
If no solution is used previously the cost of the CleanZone-Flexi is not prohibitive.

FLEXIBLE OPTIONS
Use for trial purposes to limit purchase risk until you’re satisfied.
Easy and encouraged upgrade to our installed CleanZone when you have used CleanZone-Flexi for a certain period of time.
At any point, if you wish to change the size of your CleanZone-Flexi system, this is not a problem and your contract can be easily amended.

AUDIT FRIENDLY SYSTEM
PURCHASING THE CLEANZONE-FLEXI SOLUTION REQUIRES NO NEED FOR CAPITAL INVESTMENTS
DON’T TAKE
THE RISK

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a site survey:

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