

Call Dycem today for a **FREE** site survey

DISCOVER HOW  
**DYCEM CAN PROTECT**  
YOUR BUSINESS

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"We have used Dycem successfully on a smaller scale at another technical facility. The **significant reduction** in dirt ingress has given us sufficient **confidence in the capabilities of Dycem's Polymeric flooring** solutions, to roll out the solution in our larger facilities, and on a bigger scale."

- Steve Aitkan, Lead Design Authority,  
*Strategic Products & Technology*



CONTAMINATION CONTROL SPECIALISTS

IT/Data Centers

**DYCEM** CONTAMINATION CONTROL YOU CAN **TRUST**





Dycem contamination control flooring solutions are manufactured with Biomaster (a silver antimicrobial) as an integral ingredient, providing effective and long-lasting antimicrobial protection.

# THE SOLUTION – HIGH PERFORMANCE CONTAMINATION CONTROL TECHNOLOGY

The Dycem Cleanzone is the most effective, scientifically proven solution and provides a simple, long lasting and high performance method of minimising foot and wheel borne contamination. In independent tests carried out at GlaxoSmithKline it was proven that Dycem Cleanzones prevent up to **99.9% of all viable and non-viable** foot and wheel borne contamination from entering a critical area.



## PROTECTION

The most effective solution available, trapping up to 99.9% of foot and wheelborne particulates.



## SIZE

Dycem allows for a minimum of six foot falls or three wheel rotations, which is required for full decontamination.



## PARTICLE RETENTION

The polymeric surface attracts, collects and retains particles and is easy to clean.



## WHEELED TRAFFIC

The only solution for heavy wheeled traffic areas.



## ENVIRONMENTAL

Dycem CleanZones significantly reduce the amount of waste usually generated from tacky mats.



## PERFORMANCE

Dycem performance is maintained even after several overstrikes.



## ESD 10<sup>8</sup>

Safely drains static discharge.



## AUDITING

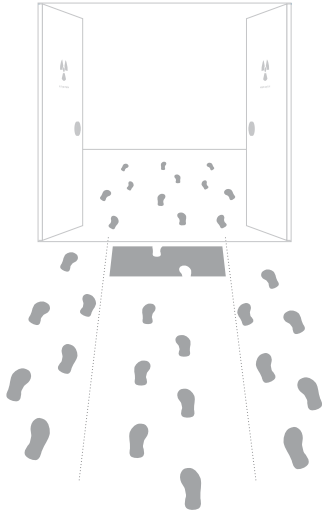
Dycem is included in Standard Operating Procedures (SOPs) & meets requirements of regulatory bodies.



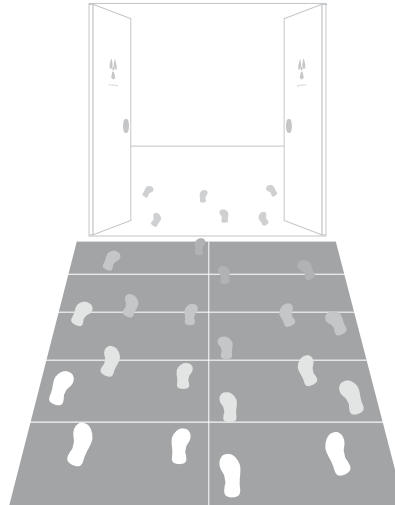
## WARRANTY

All products are warrantied for 12 months subject to normal usage wear and tear.

The average 1.2M x 0.6M (4' x 2') sized peel-off mats are too small. By using a single peel-off mat only 27% of contamination will be removed prior to entering the controlled or critical zone.



**73%**  
**CONTAMINATION**  
**ENTERING YOUR**  
**DATA CENTER**



**20%**  
**CONTAMINATION**  
**ENTERING YOUR**  
**DATA CENTER**



**<0.01%**  
**CONTAMINATION**  
**ENTERING YOUR**  
**DATA CENTER**



Reduce the chance of an ESD event occurring in your data center by switching to Dycem.

Each time a you peel a tacky mat approximately 5000 volts of static charge is created. **Dycem's fixed systems have a resistance to earth of  $10^8$ .**



## CLEANZONE FOR PEDESTRIAN & LIGHT WHEELED TRAFFIC

Dycem Cleanzone is a permanently installed high performance contamination control system. It is the most effective solution for foot, wheel and air borne contamination. Dycem Cleanzone is available in a range of attractive colors and edgings.

### BENEFITS

- Retains **up to 99.9% of contamination**
- Reduced floor and **air particle** counts.
- Improved yield, **cost savings** and profitability.
- **Reduced risk** of high product rejection rates.
- Cannot be bypassed/require **no overt action**.
- Available with **low profile** edging systems.
- **Coving and inlaid** options available.

## WORKZONE FOR LARGE TROLLEYS, PALLET TRUCKS & FORK LIFTS

Dycem Workzone has been specially designed to remove contamination from wheeled traffic, including forklifts, pallet trucks, large trolleys and carts, preventing particles and microbes from getting into your critical areas. Heavy duty edging provides further protection.

### BENEFITS

- **Reduced risk** for you and your clients.
- Retains **up to 99.9% of contamination**.
- **Effective on** wheels of forklifts and carts.
- **Large sizes** ensure maximum control.
- **Heavy duty** aluminium/stainless steel edging.
- **Coving and inlaid** options available.
- Periodic replacement/**service contract**.

## CLEANZONE-LITE

### SELF INSTALL SYSTEM FOR 3-12 MONTH REPLACEMENTS

Cleanzone-Lite is a high performance, self-install contamination control system suitable for light wheeled traffic and medium pedestrian flows. This no hassle system can be installed by you or your staff in just three minutes, and is easy to clean, with a life-cycle of 3-12 months.

#### BENEFITS

- Retains **up to 99.9% of contamination.**
- Reduced floor and **air particle counts.**
- More **sustainable** than tacky mats.
- **Low profile**, suiting low door clearances.
- **Self-install** in just three minutes.
- **Easy to clean** in your normal routine.
- 3-12 months Lifecycle - **non permanent.**
- **Custom design options:** Include your company logo.

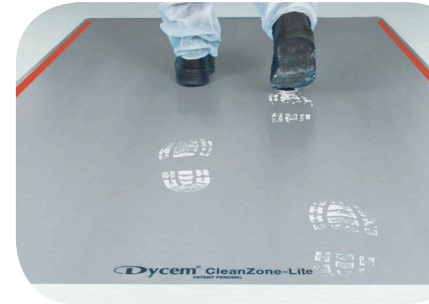
## FLOATING SYSTEMS

### LOOSE LAID OR FIXED SYSTEMS

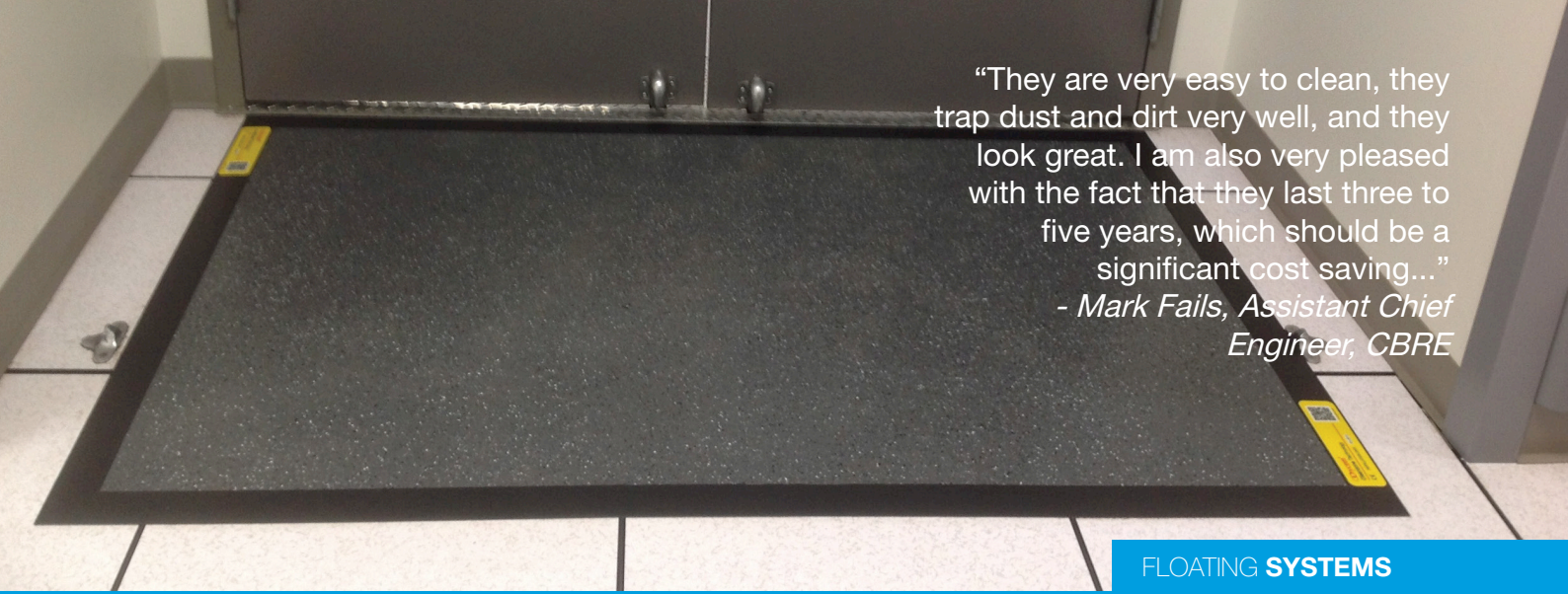
Floating systems can be loose laid or fixed to the floor and are system suitable for light wheeled traffic and medium pedestrian flows. Available in a range of colors including two-tone options, and allows access to the subfloor of data centers with access tiles.

#### BENEFITS

- Retains **up to 99.9% of contamination.**
- Reduced **air and floor particle counts.**
- Two-tone options **improve SOP's.**
- **Stops dust/dirt** from entering data hall.
- **Easy to clean.**
- Available with **low profile** edgings.
- 1-3 year Lifecycle - **non permanent.**







“They are very easy to clean, they trap dust and dirt very well, and they look great. I am also very pleased with the fact that they last three to five years, which should be a significant cost saving...”

- Mark Fails, Assistant Chief Engineer, CBRE

FLOATING SYSTEMS

## Bank of America Data Center Hall Access

CBRE is a world recognized global brand in the Data Center industry as technical advisors as well as providing full-services data center facility management. This specific site operated by CBRE is the main Data Center for the **Bank of America** in Richardson, Texas. Our partners at Data Center Solutions have worked closely with CBRE to help them face the issues surrounding contamination in Data Centers. Assistant Chief Engineer Mark Fails implemented the use of Dycem as an alternative to tacky mats, due to the many problems they create. The company faced issues with dust and particulate being released into the air-flow system when each tacky mat was removed from the floor. CBRE also found that the cost implications with constantly purchasing new tacky mats every month was becoming a burden. Dycem was installed at the Bank of America Data Center at all entrance and exit points into the main data hall. Since the implementation, CBRE have been very satisfied with the Dycem flooring systems, finding it easy to clean, trapping dust and dirt well and cost saving.



## RISKS OF DATA CENTER DOWNTIME

A recent study by the Ponemon Institute found looked at the costs involved with unexpected and expected data center outages by considering 67 independent data centers across the USA.

Their findings were shocking with an average **cost of \$690,204** caused by unexpected outages in a year for just one data center. "The companion Cost of Data Center Outages study, which analyzed 67 data centers across varying industry segments, indicates the significant increase in the cost of unplanned data center outages since 2010." - *Ponemon Institute 2013 Cost of Data Center Outages*.

The contamination risk to a data center is not just profit loss, but also the risk of losing your clients confidence and jeopardizing long term business growth.



## WITH DYCEM SATISFACTION IS GUARANTEED

There are two ways to begin specifying Dycem into your facility. Either contact us for a free site survey by one of our Contamination Control experts or send us your floorplans and we'll put together visuals to show you the areas that could greatly benefit from Dycem.

- **On-site survey and demonstration** to assess your contamination control needs. (Samples and supporting literature provided).
- A **technical report** identifying which Dycem product best suits your needs and operating budget.
- **Full installation or installation training** (Including a Cleaning demonstration for your operatives).
- **Comprehensive warranty and service options** ensuring you are covered for the life cycle of your product.