

PRODUCT INFORMATION SHEET

Dycem® Access Tiles

Downtime is costly, reduce the risk of particulate contamination with Dycem.

Trusted by critical facilities across the globe, Dycem's polymeric material is proven to attract, capture and retain particulate contamination such as dust and debris that can cause issues to sensitive servers, equipment, and ventilation systems.

Dycem's polymeric material is custom inlaid as the top layer of a raised flooring tile, allowing for custom contamination control without restricting access. Installed in place of existing tiles, the Dycem and Weiss tile creates an unavoidable barrier and prevents harmful effects from dust, static, and zinc whiskers.

KEY BENEFITS



SEAMLESS FIT with existing access tile providing aesthetic consistency



SUPERIOR PROTECTION from disruption and server downtime due to particulate matter or build up



ESD SAFE surface resistivity of 10 ohm allowing static to dissipate on contact



SUSTAINABLE solution with 3+ year lifespan, reducing need for single-use disposable plastics



COMPATIBLE & COMPLIANT with support of international standards including ISO & ASHRAE regulations

WHERE TO USE:

- ✓ Pedestrian entry/exits to data halls & server rooms
- ✓ Inside airlocks & mantraps
- ✓ Rack & equipment entrances to data hall & server rooms
- ✓ Corridor access zones

Dycem
CONTAMINATION CONTROL

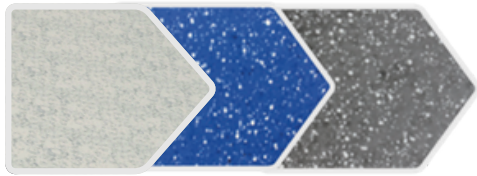


COLOUR OPTIONS



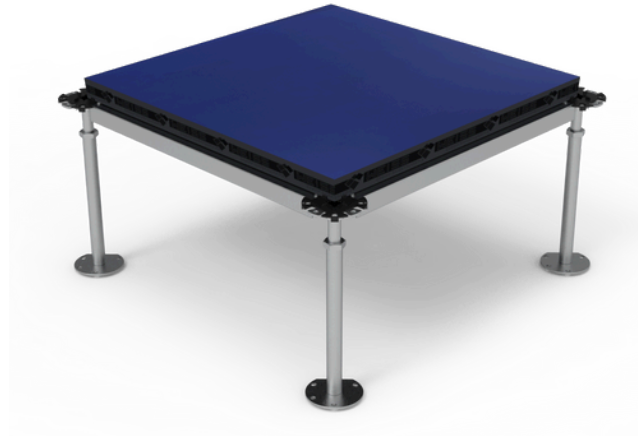
Midnight Slate Green Red

Solid colors to HIGHLIGHT the contamination



White Cobalt Titanium Granite

Decorative colors to MASK the contamination



OVERVIEW OF TECHNICAL FEATURES

- ✓ **MATERIAL:**
Base tile - Calcium sulfate
Top layer - Dycem polymeric material
- ✓ **SIZE:**
Dimensions - 600 x 600mm
Tile Thickness - 28mm
Dycem Thickness - 2.1mm
- ✓ **WEIGHT:**
Tile - +48 kg/m²
Dycem - Nominal, 2.4 kg/m²
- ✓ **LOAD VALUES:**
Tile concentrated load - Class 1 (DIN EN 12825)
Tile ultimate load - 4.000N
Tile distributed load - ca. 8.000 N/m²
Dycem load resistance - 70kg/cm²
- ✓ **PARTICLE COLLECTION:**
Dycem proprietary polymeric blend with natural tack, manufactured to optically smooth surface creates short-range electromagnetic pull (van der Waals).
- ✓ **SURFACE RESISTIVITY:**
Dycem 10⁸ ohms (tested to ASTM F150, DIN 51953, BS 2050)
- ✓ **CO-EFFICIENT OF FRICTION:**
≥ 0.30 in accordance with EN 13893 - Technical class DS
- ✓ **CLEANING REQUIREMENTS:**
Must be cleaned according to facility specifications to remove contaminants.
- ✓ **COMPLIANCE:**
Tile - DIN EN 12825, SFE
Dycem - ISO 14001, 9001, EN 14041
- ✓ **FIRE PROTECTION:**
Tile - Building material EN 13501
Dycem - EflS1 EN 14041:2004
- ✓ **HEAT RESISTANCE:**
Dycem - Working range 0-50° C
- ✓ **OUTGASSING:**
ASTM E-595 at 50° criteria met
- ✓ **TOXICITY:**
Non-toxic, latex, silicon, and melamine free

Caution - Slippery when wet.

