DUSTEX® Dust Control Door

RVTGROUP
Protecting people and our environment



Dust Control

The DUSTEX® Dust Control Door provides a practical, adaptable solution for containing airborne dust and maintaining controlled working environments during construction, refurbishment and maintenance activities.

Designed to fit existing door openings, the adjustable steel and aluminium frame can be installed without drilling or permanent fixings. A durable, flexible fabric cover and perimeter foam seals help create an effective barrier between working areas, while the integrated 300 mm extraction outlet enables connection to compatible dust extraction equipment.

Featuring quick-release cam-lock adjustments and a secure magnetic closure, the DUSTEX® Dust Control Door is designed for straightforward installation and removal. It can also be configured for wider, double-door openings, making it a versatile solution for temporary dust containment applications.

Request Price

Features

- Adjustable frame – Accommodates door openings from 762–990 mm wide and 2020–2100 mm high.
- Robust construction – Galvanised steel and aluminium frame for durability and stability.
- No-drill installation – Friction-fit design eliminates the need for permanent fixings.
- Integrated extraction outlet – 300 mm diameter connection for compatible dust extraction equipment.
- Effective perimeter sealing – Closed-cell foam seals help minimise air leakage.
- Flexible fabric cover – Durable PVC and TPU material with expanding corner gussets.
- Quick-release cam-lock system – Allows straightforward adjustment and secure positioning.
- Adaptable configuration – Two units can accommodate wider, double-door openings up to 2,010 mm.

Benefits & Advantages

- Improved dust containment – Helps prevent airborne dust migrating into adjacent areas.
- Protects people and surrounding environments – Reduces the potential for dust exposure and contamination outside the work zone.
- Supports controlled airflow – Can be integrated with suitable extraction equipment to help manage negative pressure.
- Minimal disruption – Quick installation without drilling or permanent alterations to existing doorways.
- Flexible and reusable – Can be repositioned and adapted to different work areas and project requirements.
- Supports cleaner working environments – Helps protect neighbouring operations, equipment and finished surfaces from dust contamination.



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Technical Data

Specification	Dustex® Dust Control Door
Adjustable height range	2020 - 2010mm
Frame depth	30mm
Frame material	Galvanised steel and aluminium alloy box section (30 x 30mm, 2mm wall); corner inserts 25 x 25mm
Cover material	PVC and TPU fabric with expanding corner gussets
Extraction outlet	300mm diameter port with sliding block-off plate
Differential pressure (open envelope)	14.9 Pa at approximately 1,310m^3/h airflow
Differential pressure (sealed envelope)	Greater than 45 Pa - no structure distortion observed
Attachment method	Industrial-strength Velcro with variable top-edge positioning
Perimeter sealing	Compression foam on all four sides
Locking mechanism	Magnetic - self-adhesive pads to door reveal, no fixings required
Door thickness compatibility	Standard internal 35mm; fire doors 44-45mm
Double-door configuration	Two units plus 30 x 30mm central mullion; covers openings up to 2,010mm wide
Compliance	Aligns with UK Health and Safety dust and noise control regulations
Development status	Prototype tested - optimisation phase (test report v1.2, 26/02/2026)
Test instrument	TSI DP-Calc differential pressure meter

Key Applications

- Temporary dust containment during construction and refurbishment works.
- Isolation of rooms and enclosed work areas during maintenance activities.
- Dust control during internal demolition, cutting, drilling and surface preparation.
- Separation of occupied areas from active refurbishment works.
- Containment of dust during workshop repair, sanding and fabrication activities.
- Temporary work-zone isolation during building repairs and upgrades.
- Dust management during industrial maintenance and shutdowns.
- Controlled airflow applications requiring connection to dust extraction equipment.

Suitable for:

Construction & Refurbishment | Manufacturing & Industrial Facilities | Fit-Out and Interior Works
Healthcare | Education and Public Buildings
Infrastructure and Utilities |
Defence and Government Facilities

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