

# DIVA L CLEAN

## Sliding Door with Controlled Leakage Flow



CONTROLLED LEAKAGE FLOW AT AIR PRESSURE  
ERGONOMY LINKED TO CLEANING AND  
DECONTAMINATION REQUIREMENTS.

HOSPITAL  
MEDICAL



RESEARCH  
PHARMACEUTICAL INDUSTRY



CHEMISTRY  
LABORATORY



INDUSTRIAL CLEAN ROOM  
ELECTRONICS



The DIVA L CLEAN sliding door is designed to respond to the requirements of the most advanced technological sectors for which a controlled atmospheric environment is necessary.

This door range is dedicated to sites where air permeability must be controlled : hospitals, clean rooms, laboratories...

# DIVA L CLEAN

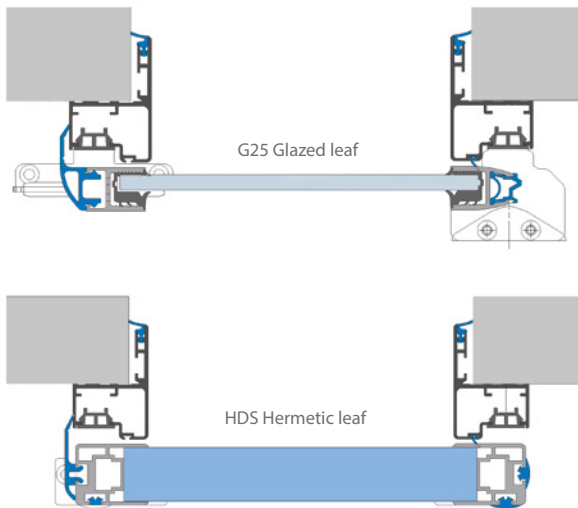


DIVA L CLEAN proposes specific technical solutions, and provides an enormous usage comfort.

People transporting sensitive materials or pushing a carriage appreciate a wide automatic opening.

Doors opening without contact or handle manipulations allow respecting stringent hygienic rules.

Adjusting leaves opening and closing speeds limits contamination exchanges between two areas.



DIVA L CLEAN can be equipped with HDS airtightness leaves which allow harmonizing an installation with airtight doors.

## Leakage flow control

The leaf's tightness is ensured by special rubber seals which form a true barrier against the passage of air.

The G25 vertical profiles of the frames are equipped at the rear with a large strippable rubber seal to regulate air flow. The smooth and round shapes of the profiles, also fitted with a front seal confer elegance and safety.

Un joint d'étanchéité monté sur le jambage assure l'étanchéité du vantail en position fermée.

A jamb seal ensures the leaf's tightness in the closed position. The leaf slides into a floor guide, ensuring a bounceless closing movement and placing the door panel in contact with the jamb seal for perfect tightness.

## Door frames

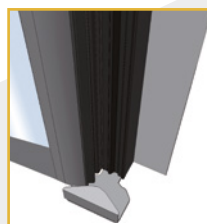
For a rigorous frame tightness and a perfect finish, a new jamb profile equipped with an additional flange covers the stainless steel door frames on the horizontal and vertical parts under the casing.



Intermediate mid rail  
Flushing handle



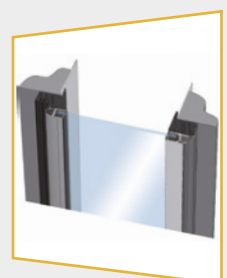
Opened ergonomic  
covers



Closing floor guide



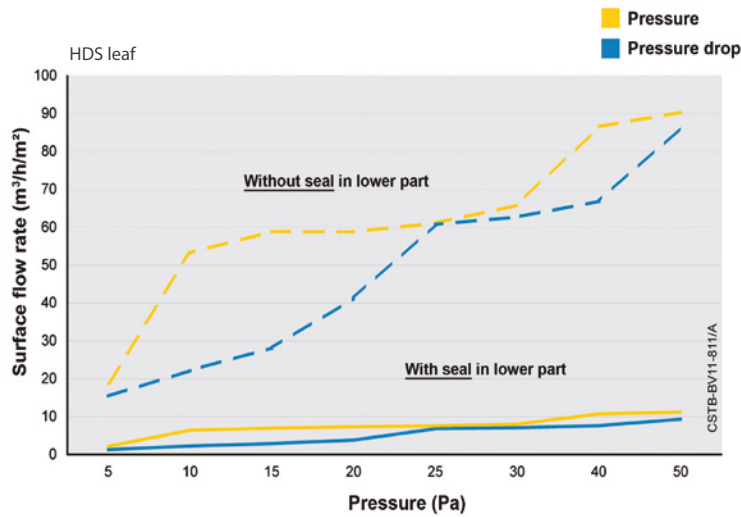
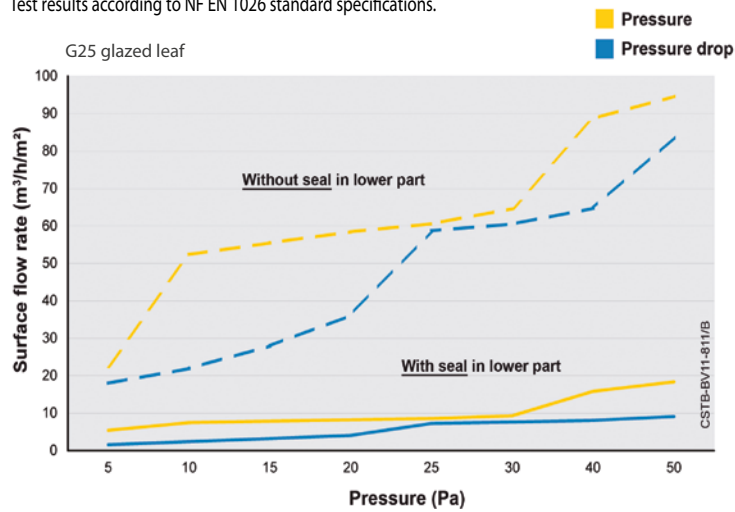
Fixed floor guidance  
in the jamb



G25 glazed leaf  
HDS Hermetic leaf

## Air permeability test

Test results according to NF EN 1026 standard specifications.



Clean G25 frame

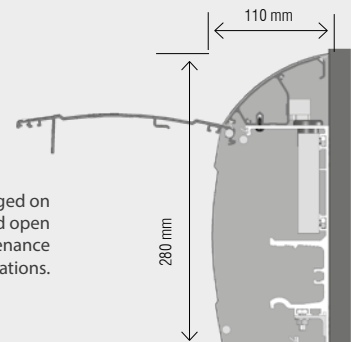
HDS frame

The cover is equipped with a seal in its lower and upper parts conferring on the assembly a perfect tightness against splashing.

## Easy to clean and maintain

Ergonomic covers with smooth, rounded shapes prevent dust from accumulating and facilitate cleaning and decontamination.

The low cover is hinged on langes. It can be held open during cleaning and maintenance operations.



Opened cover

## Controls and detections



Contactless switch



Hyperfrequency detection and active Infrared safety



Naviblu



Visioblu and S remote control

To find the best solution for your project, we offer a wide choice of control and detection and safety devices.

## MECHANICS

Installation	Surface applied	
Structure	Aluminium	
Casing (H x D)	280 x 110 mm	
Leaves type	G25 CLEAN, HDS	
Min/max passage width	1 leaf : 750 / 1800 mm	2 leaves : 800 / 3600 mm
Max passage height	3100 mm	

## PERFORMANCES

Leaf weight max	1 x 120 kg	2 x 120 kg
with IME (Emergency exits)	1 x 105 kg	2 x 85 kg
Opening speed	1 leaf : 10 to 80 cm/s	2 leaves : 20 to 160 cm/s
Closing speed	1 leaf : 10 to 50 cm/s	2 leaves : 20 to 100 cm/s
Hold open time	1 to 25 s	
Opening force	3,3 to 15 daN	
Closing force	3,3 to 15 daN	

## ELECTRICAL ENVIRONMENT

Power supply	Mains 50-60 Hz, 230 V ±10 % with earth
Average absorbed power	50 W
Motor voltage / Emergency battery	30 Vcc / 12 Vcc (1,2 Ah)
Relative humidity	10 % to 93 % without condensation
Operating temperature	-20°C/+60°C - Emergency exits doors according to EN16005 :+5°C/+40°C

## STANDARDS

EC	Electromagnetic compatibility : directive 2004/108/CE, electrical safety - low tension : directive 2006/95/CEE, Machines : directive 2006/42/CE
EN 61000-6-3	EMC : issue for the residential, commercial environments and of the light industry.
EN 61000-6-2	EMC : immunity for the industrial environments.
EN 60335-1/-2-103	Safety of machines - Parts of the control systems relative to the safety.
EN 16005	Pedestrian motorised doors : use safety

## EQUIPMENTS / OPTIONS

### FRAMES LEAF & WALL

Aluminium natural anodising and RAL lacquering	•
White polyurethane belt (limits dust accumulation)	•
White seals on reception jamb and upper cover	•

### MATERIALS OR COVERING HDS LEAF

HPL laminated	•
Melamine cover	○
Stainless steel, anti-bacterial PVC	○
Alu natural anodising, RAL lacquering	○
Double glazing	○

### LEAF EQUIPMENTS

Flushing glass oculus	○
Manual or motorized blinds	○
Flush-mounted opening handle	○
Door leaf mid rail 150 mm	○

### SAFETY & DETECTION

Infrared curtain	○
Infrared barrier	○
Hyper frequency detection	○
Emergency exit module	○
Manual trigger	○

### CONTROL DEVICES

Switch without contact	○
Push button (by elbow, foot)	○
Visioblu / S remote control	○
Naviblu	○
Small/large opening control	○

### HPL COLOURS AVAILABLE ON STOCK\*

0001	0211	0218	0571	0573	0644

\* Other choices on request • Standard ○ Option



[www.portalp.com](http://www.portalp.com)

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Certified Management System