

## Cleanroom Doors

### model RL



#### Description

Single or double door, door leaf consists of 2 steel sheets, door leaf thickness 40 mm or 60 mm. 0.8mm and rockwool core M0 (density 100kg/m<sup>3</sup>). Steel sheets pre-lacquered (see standard colours), powder coated (other colours) or stainless steel.  
2 part frame counter frame adapted to wall thickness with point welded corners. Frame fabricated in bended zinc coated epoxy powder coated steel or stainless steel.  
Door leaf flush with frame on hinge side.  
Adhesive EPDM rubber gasket to ensure tightness.

Standard dimensions :

600 up to 1100 mm width \* 2100 mm height free passage per door leaf (door leaf 180°)

Standard included:

Stainless steel hinges (4) and handles, European cylinder, Reinforcement for door closer (hinge side) drop seal, sealed (closed) keep.

Standard colour range



Ral 9010

Ral 9002

Ral 7042

Ral 7032

Ral 7016

Ral 6018

Ral 5015

Ral 5010

Ral 3000

Ral 1018

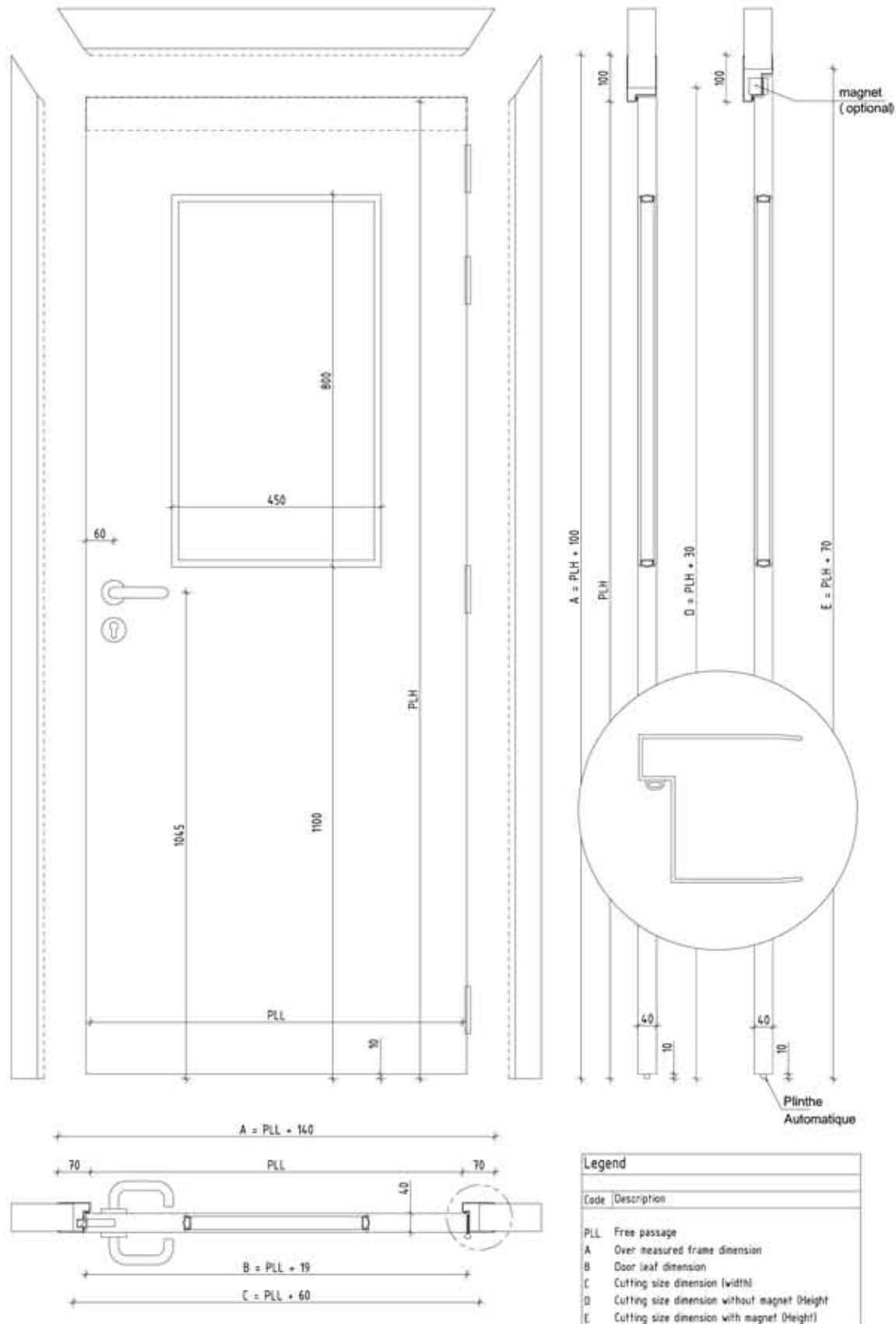
#### Options:

Mechanical : Flush vision panel, kick or push plate, door closer, anti panic bar, ....

Electronical : Flush integrated electromagnet, adjustable ss contact bolt, Led signalisation, access control unit, ...

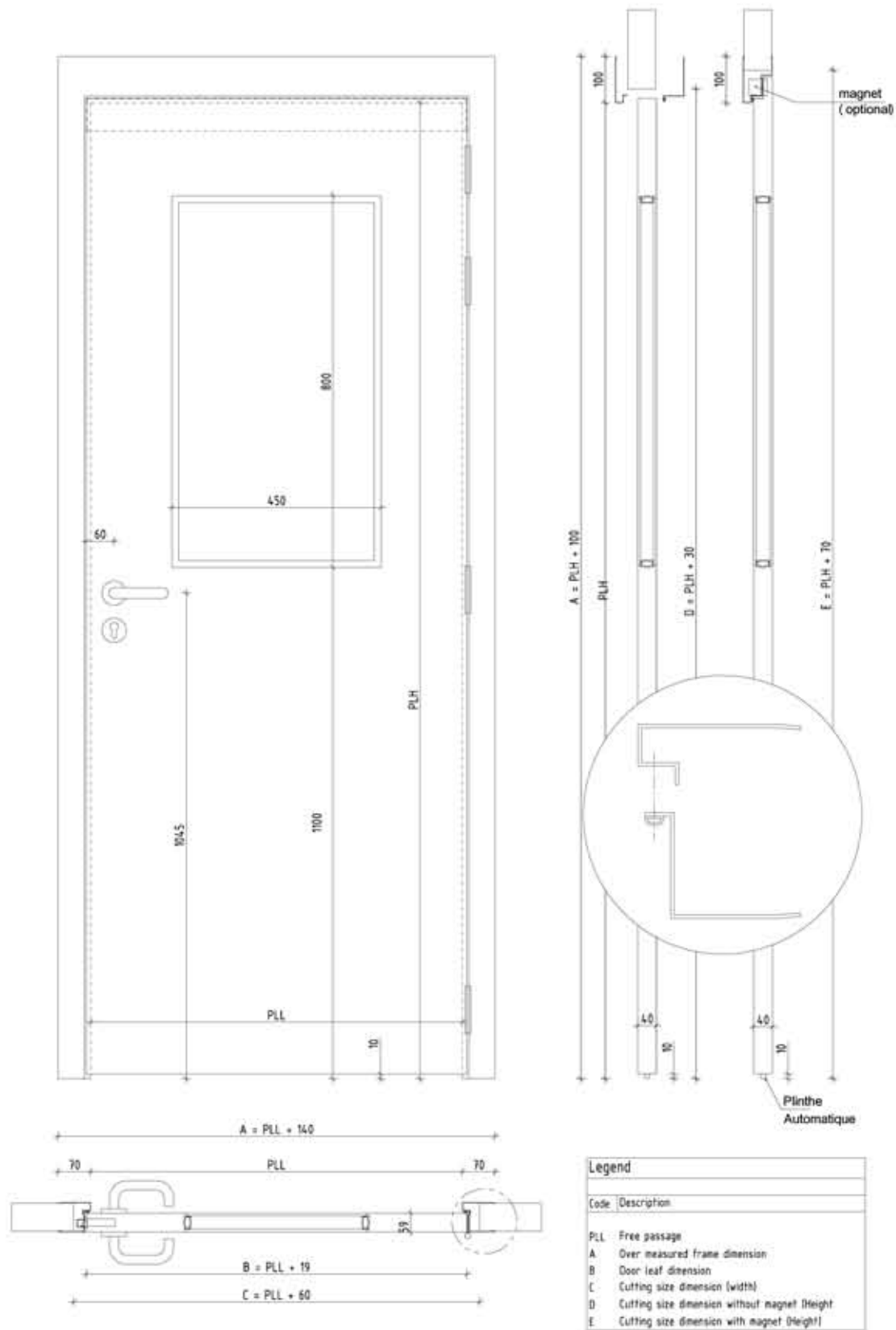
# Cleanroom Doors

## model RL40NS



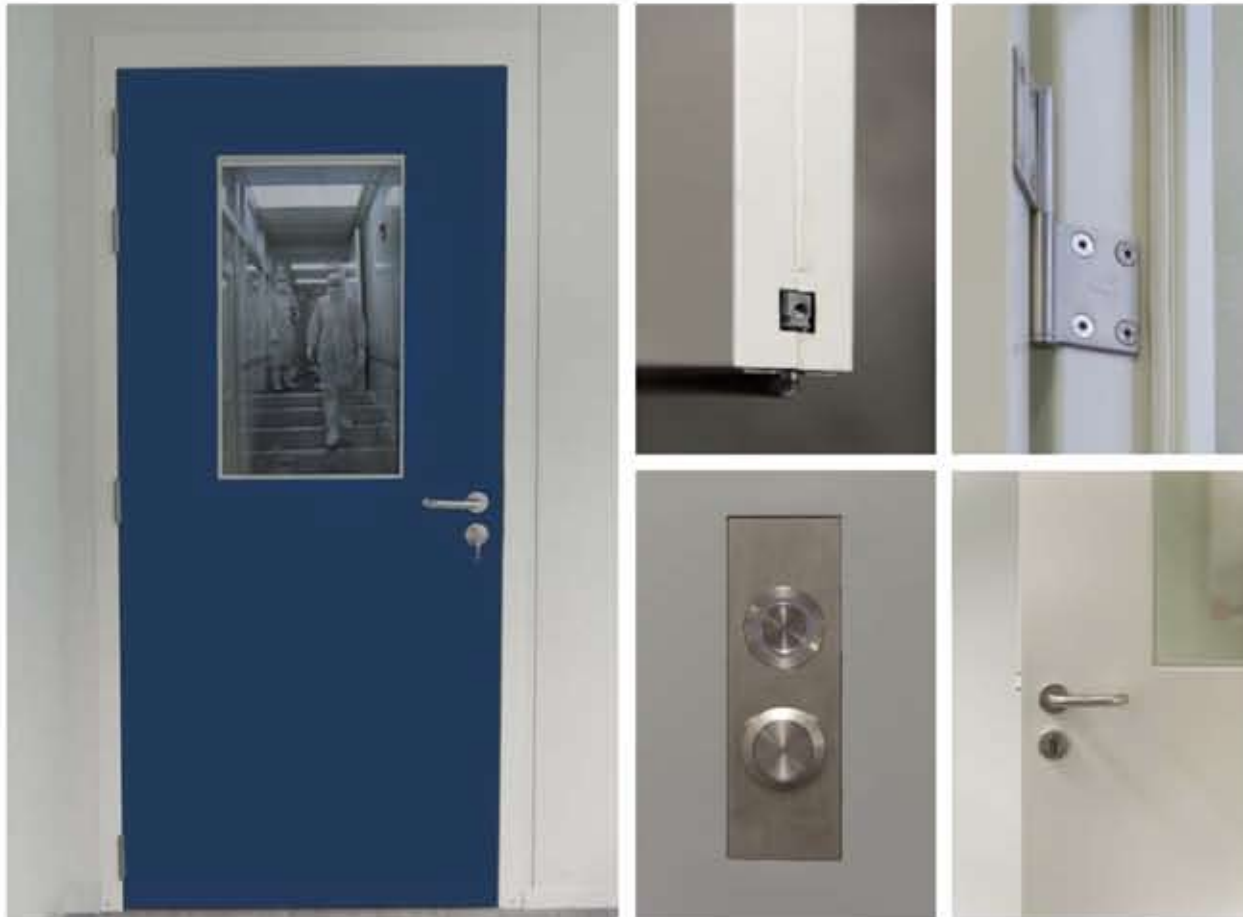
# Cleanroom Doors

## model RL40SS



## Cleanroom Doors

### model RL60S



#### Description

Single or double door, door leaf thickness 60 mm. Door leaf consists of 2 steel sheets 0.8mm and rock wool core M0 (density 100kg/m<sup>3</sup>). Steel sheets pre-lacquered (see standard colours), powder coated (other colours) or stainless steel.

2 part frame counter frame adapted to wall thickness with welded corners. Frame fabricated in bended zinc coated epoxy powder coated steel or stainless steel.

Door leaf flush with frame on hinge side. Adhesive EPDM rubber gasket to ensure tightness.

Leakage flow : 9.8m<sup>3</sup> / hour at 30 Pascal (tests available upon request).

Standard dimensions :

600 up to 1000 mm width \* 2100 mm height free passage per door leaf (door leaf 180°).

Standard included:

Stainless steel hinges (4) and handles, European cylinder, reinforcement for door closer (hinge side), drop seal, sealed (closed) keep.

Standard colour range



Ral 9010 Ral 9002 Ral 7042 Ral 7032 Ral 7016 Ral 6018 Ral 5015 Ral 5010 Ral 3000 Ral 1018

#### Options:

Mechanical : Flush vision panel, kick or push plate, door closer, anti panic bar, ....

Electronical : Flush integrated electromagnet, adjustable ss contact bolt, Led signalisation,

## Cleanroom Doors model RER



### Description

The reinforced air tight door 'ER' is designed to obtain a minimum leakage rate and thus suitable for fumigation processes or critical air lock situations. This hermetic door ensures an excellent tightness and maintains a barrier integrity in high containment applications where air leakage is not accepted, such as research laboratories, bio-safety level for BSL 2 to BSL 3, pharmaceutical or medical clean rooms. Door leaf thickness 60mm flush both sides with door frame. Leaf and frame with welded corners. Integral 4 pieces door frame. Finish in lacquered steel or stainless steel. Available in a range of sizes to suit specific requirements. Sound proof and heat insulator - rock wool core M0 (density 100 kg/m<sup>3</sup>). Air tightness with static sealant EPDM on 4 sides.

Interlocking system with programmable logic controller. Control system : red - green status light / piezo button. Closing system by 2 flush integrated electromagnetic magnets (300 DaN) and adjustable stainless steel contact bolt. Leakage flow rate measurements : 0,25 m<sup>3</sup>/ hour under 30 Pascal (certificates upon request).

Standard : Stainless steel handles, reinforced stainless steel hinges with bearing, reinforcement for door closer

Standard colour range



### Options:

Door frame adaptators to suit wall thickness for panels, concrete or existing masonry, double flushed glazing both sides, door closer, flush fumigation socket, inductive detector on door, alarm detector, badge reader, magic switch, access control unit, alarm buzzer, interlocking with central control system (one or several doors), interlocking doors interfaced with sterilization / disinfection system.

## Cleanroom Doors

### model RJG



#### Description

The inflatable seal door 'JG' is designed to obtain no leakages, and thus suitable for fumigation processes or critical airlock situations. This door ensures a perfect tightness and maintains barrier integrity in high containment applications where air leakage is not accepted, such as research laboratories, bio-safety level for BSL 3 to BSL 4, pharmaceutical or medical clean rooms. Door leaf thickness 60mm flush both sides with door frame. Air proof assembly by means of welded door leaf and door frame corners. Integral 4 pieces door frame. Functional solution without the need for a floor threshold. Finish in lacquered steel or stainless steel. Available in a range of sizes or to suit specific requirements. Sound proof and heat insulator - rock wool core M0 (density 100 kg/m<sup>3</sup>). Stainless steel flexible connection between the door frame and door leaf. Inflation of the seal in the circumference of the door leaf. Air tightness with inflatable seal 2.5 bars (medical air) - range EPDM. Standard with reinforced stainless steel hinges (bearings), stainless steel handles and reinforcement for door closer. Interlocking system with programmable logic controller. Control system : red - green status light / piezo button Closing system by flush electromagnetic magnet (300 DaN). Leakage flow rate measurements : 0 m<sup>3</sup>/ hour under 30 Pascal (certificates upon request).

Standard colour range



#### Options:

Door frame adaptators to suit wall thickness for panels, concrete or existing masonry, double flushed glazing both sides, door closer, flush fumigation socket, inductive detector on door, alarm detector, badge reader, magic switch, access control unit, alarm buzzer, interlocking with central control system (one or several doors), interlocking doors interfaced with sterilization / disinfection system.