

DOORS

MODEL ER



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/m³). 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 m³/ hour under 30 Pascal (certificates upon request). Standard : Stainless steel handles, reinforced stainless steel hinges with bearing, reinforcement for door closer

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.