



SOUND PROOF ACOUSTIC ROLLER SHUTTER

NS100

43 dB

NOVODOOR is a Turkey based designer and manufacturer of soundproof acoustic door systems. We offer a wide range of innovative commercial soundproof door solutions offering sound reduction levels of up to Rw57dB, all third-party tested and approved. NOVODOOR acoustic roller shutter doors have been developed for use in a multitude of environments with a wide range of domestic, industrial, and commercial applications and in sound sensitive environments where the objective is either to keep sound in or keep it out.

Consisting of two shutters (acoustic roller shutter*double-skinned 100mm steel flat slat + E240 fire rated roller shutter* single-skinned 80mm curved steel slat). The combined special two roller shutters provide a successful sound reduction level up to RW43dB. An emergency hand chain can be provided in the event of electrical or mechanical failure. The shutter operation is available with an extensive range of control options.

These doors are perfect for external apertures like the power stations for industrial use and great internal separators for domestic and commercial use they work as sound-break between the two areas such as exhibition halls. Moreover, these doors which operate electrically or manually and can be tailored to meet your size requirements, offer the benefits of security and protection from the elements. Acoustic roller shutters act as weatherproof and secure closures that provides high thermal as well as acoustic insulation.

Approved sound insulation (RW43dB) with low space requirements and robust roller shutter door technique. Our acoustic roller shutter and fire rated roller shutter can be used like a normal electrically operated rolling door. Polyester powder coat in a range of standard RAL colors is available on request.

Certificate

Acoustic Rated insulated roller shutter (Rw=43 dB)
Certificate No : BLX-R-AI-50 dated 04.01.2021

Ideal Uses

Loading bays, warehouses, factories, hospitals, large commercial buildings, boiler and turbine halls, airports, canteens, restaurants, recording and tv studios, exhibition & concert halls, cultural centers, opera houses, ballrooms, other areas where a high level of security is required as well as a high degree of insulation.

Performance Characteristics:

Sound reduction index Rw (C; Ctr)= 43 (-3 ; -8) dB according to EN ISO 717-1 :2013
Resistance to Fire : EN 1634-1:2014 + A1 :2008, rated E240
Classified according to EN 13501-2 :2016
Extended application of test results according to EN 15269-10:2011

Accreditations

EN ISO 10140-2:2013 – Measurements of Airborne Sound Insulation
EN 1634-1:2014+A1:2018 Fire resistance

Technical support will be provided to the construction site after order confirmation.

Maximum Sizes
12,000 mm wide x 8,000 mm high
(Please contact us to discuss if there is a requirement beyond these dimensions)