



RS5FS - 46 dB

Acoustic and Fire rated Steel Door.



PRESENTATION

The **RS** range of acoustic doors designed and manufactured by **Acústica Integral** meets all market requirements. These are certified, high-performance, high-quality and robust doors.

ADVANTAGES

2 advantages in the same product – Fire rated door with a high acoustic insulation of **46dB**. Without lower threshold. Automated manufacturing process. Standard models and special manufacturing.

APPLICATIONS

Engine rooms, TV sets, cinemas, theatres, music bars, night clubs, pubs, offices, shops, meeting rooms, etc.

SPECIAL ACCESSORIES (upon order)

Push-bar.

TECHNICAL DATA

Description: 67mm thick steel fire rated and acoustic door (77mm thickness for double leaf) composed by frame and leaf manufactured with a 1.2mm thick polished metal sheet. Inner filling of the leaf: soundproofed and absorbing materials. Without lower threshold. Equipped with black foam rubber and perimetral acoustic and intumescent seals. Without bottom frame.

Closure: Pressure using an inside cam latch

Surface finishing: Synthetic primer (prepared for painting).

Heat transfer coefficient U_a : 1,84 W/m²K.

Fire resistance, one leaf, EI₂60 reverse hinges side.

APPLUS Nr. 15/10357-916.

Acoustic certification RS5F: **APPLUS** Nr. 07/32304400 valid for the door without accessories.

Options: **RS5F** doors can be fitted with the following accessories: pushbar, latch and door closer.

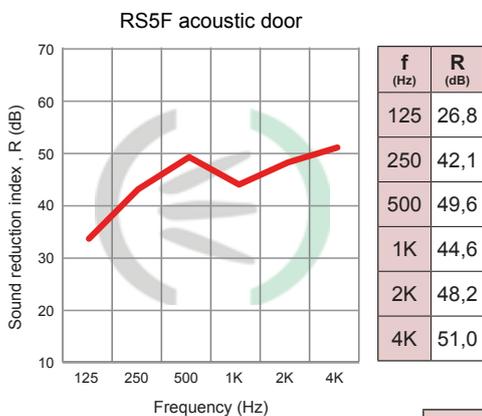


STANDARD DIMENSIONS

Single leaf (W x H in mm.)		
Model	Int. Dim.	Ext. Dim.
RS5FS/01	800 x 2000	850 x 2025
RS5FS/02	900 x 2000	950 x 2025
RS5FS/03	1000 x 2000	1050 x 2025

Double leaf (W x H in mm.)		
Model	Int. Dim.	Ext. Dim.
RS5FS/21	1400 x 2000	1450 x 2025
RS5FS/22	1600 x 2000	1650 x 2025
RS5FS/23	1800 x 2000	1850 x 2025
RS5FS/24	2000 x 2000	2050 x 2025

DETAIL OF THE HANDLE



	RS5F
Overall sound reduction index, R_w (C;Ctr):	46 (-1;-6) dB
Overall weighted sound reduction index A, R_A :	45,0 dBA

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ASSEMBLY INSTRUCTIONS

About metallic pre-frame: Firmly fix the metallic pre-frame to the partition wall or the gypsum. Move the acoustic door (frame and leaf), always closed, towards the inside space of the pre-frame and shim the door until it is level. Spot weld for the first time between the door and the pre-frame and check the vertical and horizontal levelling, do not open until definitive welding has been finished. Carry out final welding between the door and the pre-frame, once again check the levelling and open the door to verify that it works correctly. Seal the spans that remain between the pre-frame rim and door with insulating polyurethane foam or acrylic putty if there is just a little space. Keep the door closed as much as possible.

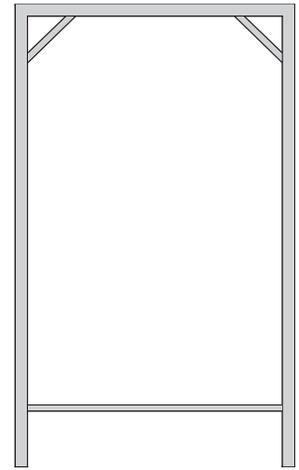
How to use:

- **Fitted with pressure handle:** To open firmly grip the handle, turn it clockwise and push the leaf; to close it, firmly grip the handle, bring the leaf towards the rim and only then turn the handle anti-clockwise until it is closed.

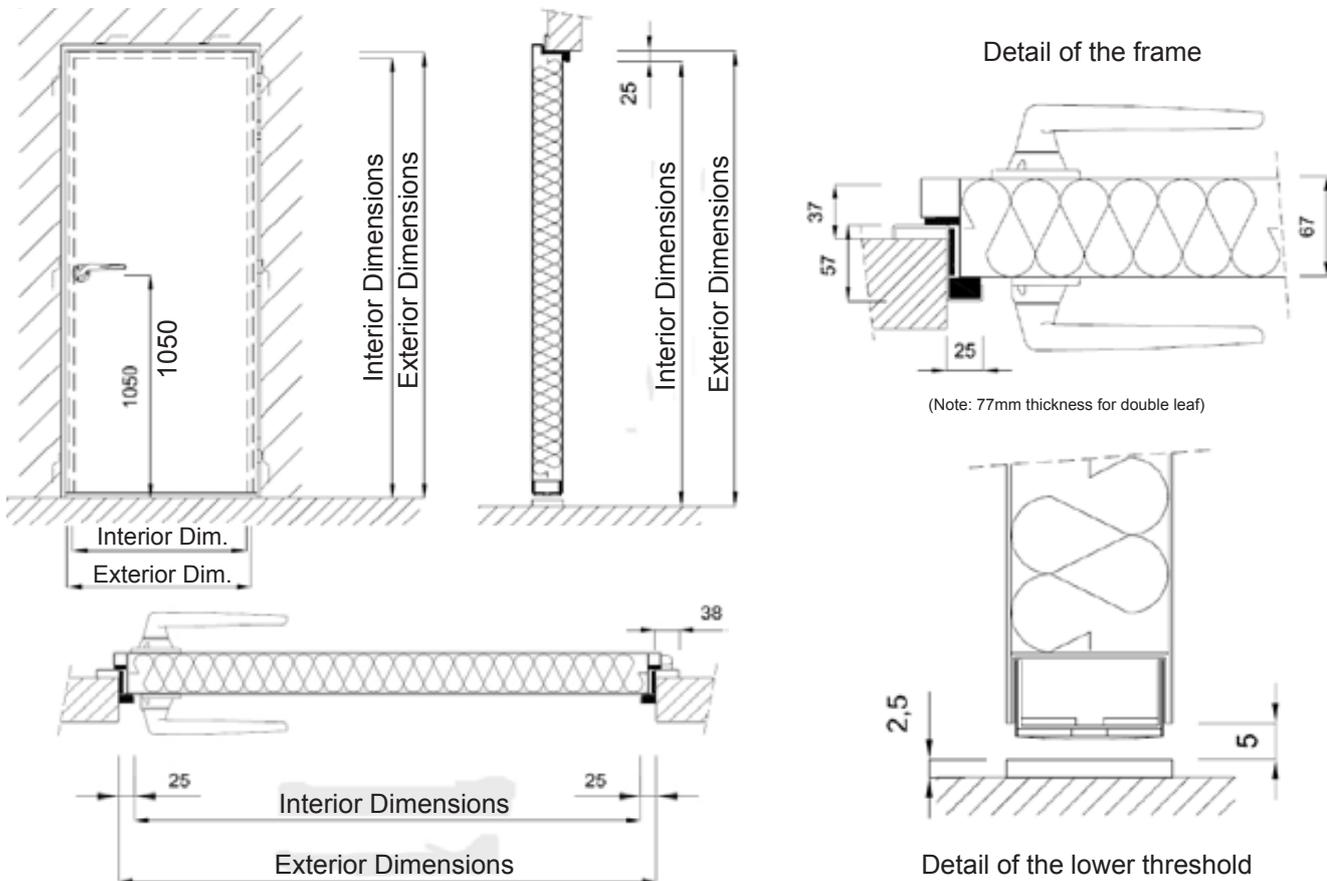
- **Fitted with panic bar:** To open, push the bar downwards and push the leaf; to close it, grip the bar or handle and bring it towards the rim.

Use restrictions: Do not hit the door with anything that could deform it. Once the leaf is open don't hang on it. Close the leaf gently without banging.

Preventive maintenance: We recommend an annual service, therefore Acústica Integral offers a contract in which we service: Mobile door elements (Hinges, handles and locks): cleaning, oiling, regulation and checking of good working order of all parts. Draught excluders and intumescent joints: substitution of damaged or badly working parts. Checking for looseness.



DIAGRAMS / PLANS



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