



AKUSTEKDOOR52 - opaque

SOUND INSULATION DOORS



DESCRIPTION

Our doors feature durable frames made from metal-reinforced PVC profiles filled with polyurethane for strength and insulation. The high insulation core is composed of decoupling and mass materials, creating an exceptionally effective sandwich-type insulation compound. The use of fireproof materials not only ensures top-notch insulation but also makes these doors serve as highly sought-after fire barriers, meeting specific safety specifications and enhancing their overall value. Our doors boast reinforced hinges and an upright lock system, guaranteeing a secure and effective seal. We offer a versatile range of compositions and customize sizes to meet specific requirements. Standard frames come in white, with the option of painting in any color upon request. These doors are designed for easy installation and are supplied with all the necessary accessories for a perfect and efficient setup.

DIMENSIONS

IN AKUSTEKDOOR52 - 52db reduction

Reinforced acoustic Door - white frame + choosen finishing colors

PVC ThermoFiber (KÖMMERLING76 AD Xtrem)

frame 76mm = 2 1/4"

Triple joint Fortex reinforced

Custom STILLNESS52

Single lock with key

ENERGETIC CHARACTERISTICS EN410

Energy Transmission	τ_e (%)	39
Energy Reflection	ρ_e (%)	28
Energy Absorption	α_e (%)	29
Solar factor	g (%)	
Shadow Coefficient	SC	
Ultraviolet Transmission	τ_{UV} (%)	
Selectivity Index		1.47
Thermal Insulation Coefficient	$W/(m^2 \cdot K)$	1.3

FIRE RATING

Profile Structure: Hardly flammable, self-extinguishing	A2 s1- d0
Type X FR Gypsumboard 15 mm (0 3/5")	Flame Spread rating of 15
(in accordance with ASTM E 84)	Smoke Developed rating of 0
Cement fibre board 12mm (1/2")	EN 13501-1 / B-s1,d0
Melamine foam 16mm (0 5/8") and 20mm (0 4/5")	B-s1, d0
IN Foatsheet INS 8 mm (0 1/3")	B-s1,d0

WEIGHT AND THICKNESS

Thickness:	mm	92
Weight:	Kg/m2	48

IMPORTANT NOTICES

- JOCAVI® accepts no responsibility for any printing errors. Specifications can be modified without prior notice, if technical or commercial reasons so require.
- The colours shown on this catalogue are only a reference and an illustration of the products finishing. The colours shown are not binding because brightness, contrast and colour balance may vary due to the printing process.
- Colours may vary due to raw-material suppliers' changes and some differences may occur in tonal range. Sizes may vary slightly due to their production method and some inherent raw-materials characteristics.

FEATURES

Estimated Acoustic Attenuation Index- Rw (C,Ctr)	52 (+/-2) dB
Fireproof doors	
Metal-reinforced PVC profiles	
High insulation compound	
Customize sizes and colors	
Easy installation, necessary accessories included	
Reinforced hinges, guaranteeing an effective seal	

TECHNICAL DRAWING

