



AKUSTEKDOOR42 - 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 AKUSTEKDOOR42 - 42db reduction
 Reinforced acoustic Door - white frame + chosen finishing colors
 PVC ThermoFiber (KÖMMERLING76 AD Xtrem)
 frame 76mm = 2 1/4"
 Triple joint Fortex reinforced
 Custom STILLNESS42
 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 15mm (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 |
| Fabric or painted finishing 1 mm (0 0/1") | fire-retardant fabric |
| IN Foatsheet INS 12mm (0 1/2") | B-s1,d0 |

WEIGHT AND THICKNESS

| | | |
|------------|-------|----|
| Thickness: | mm | 92 |
| Weight: | Kg/m2 | 42 |

IMPORTANT NOTICES

- JOCAMI® 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- R_w (C,Ctr) 42 (+/-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

