



WFI1



WFI

Image of 120x60cm model Ref.:WFI120 (left) and image of 120x60cm model Ref.:WFI120 (right)

### DESCRIPTION

This 2D wooden diffusion panel was developed to provide a balanced combination of performance, simplicity, and affordability. Created in response to the growing demand for practical and cost-effective acoustic solutions, WOODIFY® is suitable for a wide range of applications.

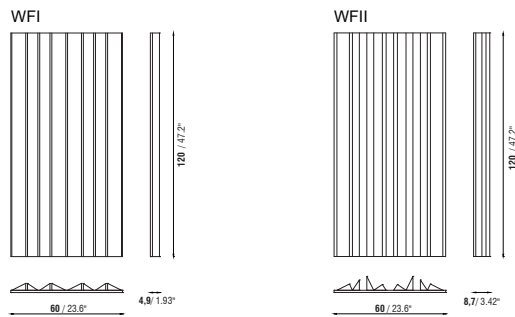
Designed to enhance sound dispersion and reduce unwanted reflections, WOODIFY® contributes to a clearer and more controlled listening environment. Optimized for essential acoustic treatment in music listening rooms, it delivers effective performance across mid to high frequencies, improving spatial definition and overall sound perception.

Constructed from pinewood and available in a selection of standard finishes, WOODIFY® combines reliable acoustic functionality with a clean, natural aesthetic. It is a practical solution for those seeking consistent acoustic improvement with an accessible investment.

### FEATURES

- Manufactured with self-sustainable forest wood.
- Average diffusion: **0.52/m²** [ $>100\text{Hz}; <5\text{KHz}$ ].
- NRC: **0.19/m²** [ $>100\text{Hz}; <5\text{KHz}$ ].
- Fire-resistance: Euroclass D-s1,d0 (similar to old M3).
- Finished with ecological varnishes.
- 100% recyclable.
- Installation: accessories included.

### TECHNICAL DRAWINGS

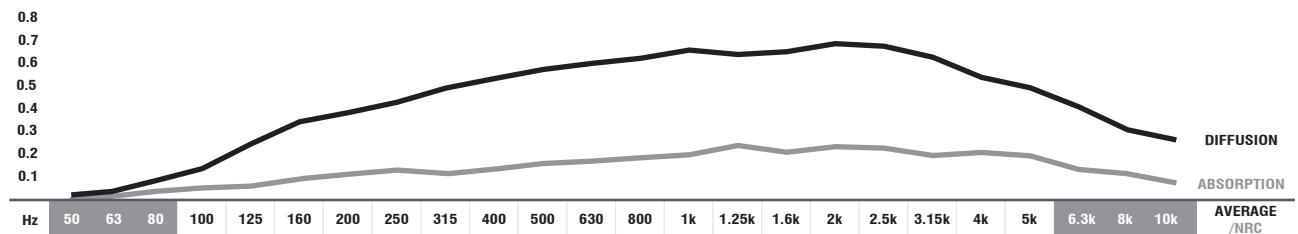


### MODELS AND SIZES

MODELS	HEIGHT	WIDTH	DEPTH	WEIGHT
WFI 180	180 cm (70.9 in)	60 cm (23.6 in)	4,9 cm (1.93 in)	45 Kg (99.21 lbs)
WFI 120	120 cm (47.2 in)	60 cm (23.6 in)	4,9 cm (1.93 in)	30 Kg (66.14 lbs)
WFI 060	60 cm (23.6 in)	60 cm (23.6 in)	4,9 cm (1.93 in)	15 Kg (33.06 lbs)
WFI1 180	180 cm (70.9 in)	60 cm (23.6 in)	8,7 cm (3.42 in)	45 Kg (99.21 lbs)
WFI1 120	120 cm (47.2 in)	60 cm (23.6 in)	8,7 cm (3.42 in)	30 Kg (66.14 lbs)
WFI1 060	60 cm (23.6 in)	60 cm (23.6 in)	8,7 cm (3.42 in)	15 Kg (33.06 lbs)

### DIFFUSION - ABSORPTION COEFFICIENT

AVG	0.01	0.04	0.09	0.15	0.27	0.36	0.38	0.44	0.50	0.53	0.58	0.60	0.62	0.66	0.63	0.65	0.68	0.67	0.62	0.53	0.49	0.40	0.30	0.25	<b>0.52</b>
$\alpha_S$	0.00	0.02	0.04	0.05	0.06	0.09	0.10	0.12	0.10	0.13	0.15	0.16	0.18	0.19	0.23	0.20	0.22	0.21	0.19	0.20	0.18	0.12	0.10	0.07	0.19



■ ABSORPTION COEFFICIENT: Values in accordance with the standards: EN 20654, ASTM C423 and EN 11654. ■ Values [ $<100\text{Hz}$  and  $>5\text{K}$ ] are Non Standard Values.  
 ■ DIFFUSION COEFFICIENT: These values were obtained by mathematical calculations and tests carried out in our laboratory.

### WOOD VENEER FINISHINGS



### 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.
- Due to its natural origin, wood-based products will always present natural imperfections inherent to the organic nature. And for similar reasons, they will also present traces of old-age in the course of time.
- Wood and Fabric products are highly susceptible to change its appearance with humidity and temperature. Close attention must be paid to the storage conditions and the acclimatization before, during and after the installation.
- Typical Indoor Comfort Standards state a temperature range of 20°C - 27°C (68°F - 81°F), and a relative humidity of less than 60%. These would be considered as normal operational levels of JOCAVI® products' range.
- Despite all the standard sizes of all products, this model can be customised upon previous consultation. Sizes may vary slightly due to their production method and some inherent raw-materials characteristics.