



**WAG S.A.**

WORLD ACOUSTIC GROUP

## **WAF – WAG ACOUSTIC FENCE**



**INVESTING IN YOUR COMFORT**

**WAG S.A. has over 20 years of experience in designing and implementing acoustic protection around the world.**

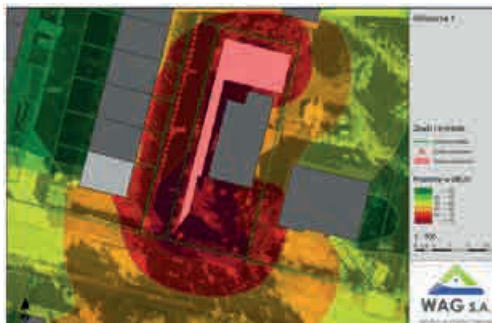
# PARAMETERS AND PROPERTIES

Property	Declared Value
sound absorption coefficient for fence WAF.260*	DL <sub>a</sub> = 10 dB class A3
sound insulation coefficient for WAF.260 fence*	DL <sub>r</sub> = 21 dB; class B2
flammability panel WAF/ panel PC8	non-flammable material/ flame-retardant material
dry weight: WAF.260 / WAF.400	9,57 kg/m <sup>2</sup> / 9,34 kg/m <sup>2</sup>
weight of panel PC8 plate	26.91kg
filling thickness	45 mm
filling thickness – WAF.260 panel / PC8 plate	45 mm / 8 mm
height of extruded aluminium post	2200 mm
total height of the aluminium base post	400-800 mm**
length of filling acoustic panels	≤2000 mm
material	aluminium, steel, rock wool, polycarbonate
environmental protection	100% recyclable
durability of non-acoustic performance	15 years
max. wind load	1,25 kN/m <sup>2</sup>

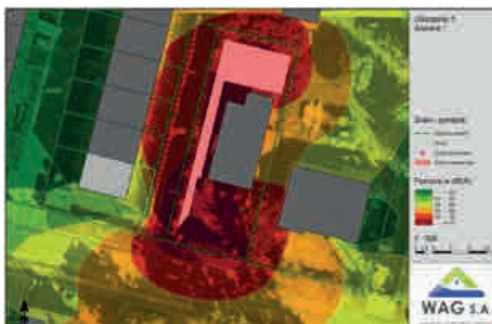
\* For WAF.400 and WAF.260+PC8, the parameters differ from those declared.

\*\* depending on installation type

1. Acoustic analysis  
**before** installing a  
WAF fence



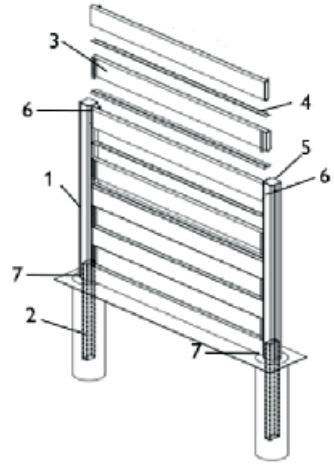
2. Acoustic analysis  
**after** the installation  
of the WAF fence



# INVESTING IN YOUR COMFORT

## Fence Span WAF.:

1. External posts
2. Base posts
3. Acoustic slats
4. Acoustic tape
5. End caps
6. Mounting brackets / Angled brackets
7. Mounting clips



**Complete set of mounting  
screws included**



# FENCE COLOUR SCHEME



Corrosion and rust-resistant aluminum ensures excellent durability of the components, guaranteeing long service life and convenience of use, as it requires no complicated maintenance.



An additional advantage is its high aesthetic standard and resistance to both high and low temperatures.



WAG WAF is not only about functionality, but also aesthetics – we offer the full RAL color palette to perfectly match the fence to the character of your space.



For lovers of a natural look, we offer elegant wood-like finishes that combine modern design with the warmth of wood.

## 3-WAY INSTALLATION OPTION:



1. Subsurface installation



2. Concrete anchor installation



3. Side mounting

# SILENCE THE OUTSIDE WORLD AND DISCOVER PEACE IN YOUR OWN GARDEN



**Acoustic fencing** is an effective solution for reducing noise generated by street traffic, lawn mowers, or nearby playgrounds. The **acoustic properties** of the fence increase the comfort of silence and ensure privacy. The **fence** has been designed with a modern appearance in mind while maintaining full functionality. Clean lines and a minimalist design give it a fresh, contemporary character that blends perfectly with its surroundings.

## What to expect from WAF:

- ✓ Noise reduction
- ✓ Guaranteed peace and comfort
- ✓ Optional gates and wickets available
- ✓ Quick installation, no maintenance or painting required





## Range of Activities

- ▶ ACOUSTIC ANALYSIS
- ▶ ACCESSORIES FOR ACOUSTIC SCREENS
- ▶ PRODUCTION OF FILLINGS FOR ABSORBING AND REFLECTING SCREENS
- ▶ ACOUSTIC ROOF SCREENS
- ▶ INDUSTRIAL ACOUSTIC PROTECTION SYSTEM
- ▶ MANUFACTURING SELF-SUPPORTING ARCHES FOR RAILWAYS, AGRICULTURE AND INDUSTRY
- ▶ ENGINEERING DESIGN SELF-SUPPORTING PALISADE FACING SYSTEM
- ▶ CONSTRUCTION OF FOUNDATIONS FOR ACOUSTIC SCREENS USING DRIVEN STEEL PILE TECHNOLOGY
- ▶ FOUNDATION OF SCREEN POLES IN THE CASE OF ROCKY GROUND
- ▶ CONSTRUCTION OF SHEET WALLS REINFORCED WITH CAP
- ▶ IMPLEMENTATION OF ROAD AND RAILWAY SCREENS

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