



PROFESSIONAL AUDIO SYSTEMS

embrace the sound



We are a company that creates professional sound equipments with an innovative design that offers a visual and audio experience different from what is currently on the market.

Acoustic Density is based in Cluj-Napoca, Transylvania (Romania), and was founded in the autumn of 2008 with a desire to provide customers different audio systems, capable of producing not only a balanced and clear sound, but also to be able to integrate by shape and colour in the desired spaces.

Our passion for music combined with our skills in computer science and sound engineering have enabled us to develop products with attitude and style, but also to be able to provide the best solution in terms of quality and design to our projects.

Acoustic Density offers more than 20 high performance audio equipments to both professionals and amateurs, each

one being a unique project resulted from a need encountered during the evolution of our company. All our products are the result of cutting edge technology carefully guided by a team of passion driven technicians, with an innovative design, having shapes that would prevent the formation of standing waves. Each product is tested and retested in order to provide the best sound, in any circumstances.

Our mission is to get the perfect sound in the perfect shape and to redefine people's perception of professional sound systems. We are looking for that natural, clean and clear sound that can dazzle even the most demanding ear. We focus on creativity, innovation, quality, and are aware that passion and boundless thinking are essential for development.





Jet Engine Series

• IIII • acoustic density

Jet Engine Series

J212

Signature series for large venues and clubs. Suitable for both live and mastered music.

Features:

Great performance sound, curved wood enclosure for high





SPECIFICATIONS

Power RMS
Max Output Level
Speakers Configuration
Frequency Range* (-10dB)
Dimensions
Weight
Product Type
Connector Type
Enclosure

600W / 1200W / 2400W 136.7 dBL LF: 2 x 12" / HF: 1" 44 - 20.000 Hz L 1200 / W 610 / H 425 31Kg Bi-Amp / Passive Speakon® 18mm Birch Plywood

OPTIONS

Speaker Type
Impedance
Color
Orientation

Mid / High 4 | 16 Ω Black Landscape

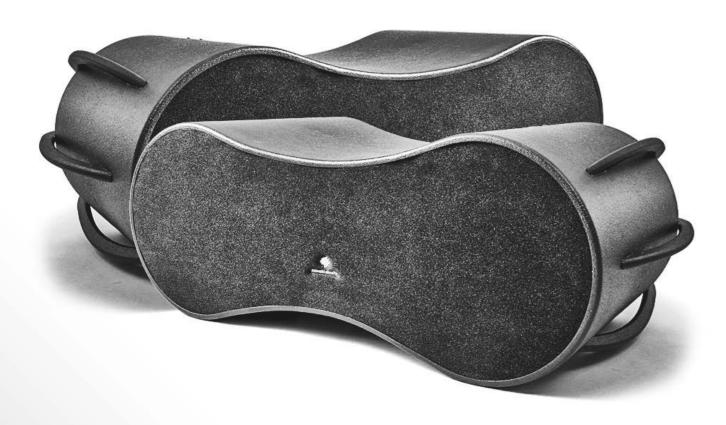




Jet Engine Series

J208

Jet Engine Series



SPECIFICATIONS

Power RMS
Max Output Level
Speakers Configuration
Frequency Range* (-10dB)
Dimensions
Weight
Product Type
Connector Type
Enclosure

400W / 800W / 1600W 122.8 dBL LF: 2 x 8" / HF: 1" 45 - 20.000 Hz L 760 / W 420 / H 275 22Kg Bi-Amp / Passive Speakon® 18mm Birch Plywood

OPTIONS

Speaker Type Impedance Color Orientation Mid / High 4 | 16 Ω Black Landscape

4





C Series C Series

The C Series reproduce a great sound for both live & mastered music. These products are designed for clubs, pubs and event halls.

Features:

The speakers have a short throw and a wide dispersion. Multi-use enclosure, particularly suitable for permanent, high quality installations in clubs and theatres, ideal for use along with Acoustic Density subwoofers, for further extension on the bottom end. The speakers can be oriented both portrait and landscape to change the pattern of dispersion in the high frequencies.



SPECIFICATIONS

Power RMS
Max Output Level
Speakers Configuration
Frequency Range* (-10dB)
Dimensions
Weight
Crossover Frequency
Connector Type

Enclosure

300W / 600W / 1200W 123.2 dBL LF: 12" / HF: 1" 51 - 20.000 Hz L 700 / W 410 / H 390 17.2 Kg 4000 Hz Speakon® 18mm Birch Plywood

OPTIONS

Speaker Type Mid / High
Impedance 8 Ω
Color Black / White
Orientation Landscape / Portrait





C Series C Series C Series

OPTIONS

Speaker Type Mid / High

Impedance 8 Ω

Color Black / White
Orientation Landscape / Portrait

OPTIONS

Speaker Type Mid / High

Impedance 8Ω

Color Black / White

Orientation Landscape / Portrait



SPECIFICATIONS

Power RMS
Max Output Level
Speakers Configuration
Frequency Range* (-10dB)
Dimensions
Weight
Crossover Frequency
Connector Type

300W / 600W / 1200W 122.3 dBL LF: 10" / HF: 1" 59 - 20.000 Hz L 610 / W 350 / H360 11.6 Kg 4200 Hz Speakon® 18mm Birch Plywood



SPECIFICATIONS

Power RMS
Max Output Level
Speakers Configuration
Frequency Range* (-10dB)
Dimensions
Weight
Crossover Frequency
Connector Type
Enclosure

200W / 400W / 800W 114.3 dBL LF: 8" / HF: 1" 41 - 20.000 Hz L 535 / W 350 / H 320 10.4 Kg 4450 Hz Speakon® 18mm Birch Plywood

Enclosure



X10





X Series



OPTIONS

Speaker Type Mid / High Impedance 8Ω Black / White Color Portrait Orientation

SPECIFICATIONS

Power RMS Max Output Level Speakers Configuration Frequency Range* (-10dB) Dimensions Weight Crossover Frequency Connector Type Enclosure

150W / 300W / 600W 118.8 dBL LF: 10" / HF: 1" 60 - 20.000 Hz L 380 / W 370 / H 600 17.2 Kg 4200 Hz Speakon® 18mm Birch Plywood

acoustic density

X Series

STATION DEPT 212-712-4236

Designed for small bands, public

venues. Used in live applications

Wide range loudspeaker, two way sys

Attractive design with flying hardware

to meet a wide range of mounting and

flying requirements for fixed and mobile

tem with high quality passive crossover.

and recorded music.

Features:

application.

address, but also in small clubs and



Live / Touring Series

Live / Touring Series

PR12

The Live Series speaker are designed for bands in small and medium concerts, at live events and high power applications.







Power RMS
Max Output Level
Speakers Configuration
Frequency Range* (-10dB)
Dimensions
Weight
Crossover Frequency
Connector Type

500W / 1000W / 2000W 124.6 dBL LF: 12" / HF: 1" 53 - 20.000 Hz L 470 / W 470 / H 680 24 Kg 3500 Hz Speakon® 18mm Birch Plywood

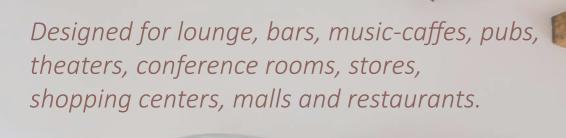


Speaker TypeFullRangeImpedance8 ΩColorBlack / WhiteOrientationPortrait





Profile Series







Features:

acoustic density

Profile Series

Good speech projections with high intelligibility level, very low feedback reaction to mics, longer throw than conventional sources, line-array features, characterised by clarity, reproducing a high fidelity sound.

HERE'S TO THE MIGHT STHAT TURNED MOTHERINGS

OPTIONS

Speaker Type
Impedance
Color
Orientation

FullRange
8 | 16 Ω
Black / White
Landscape

SPECIFICATIONS

Power RMS
Max Output Level
Speakers Configuration
Frequency Range* (-10dB)
Dimensions
Weight
Crossover Frequency
Connector Type
Enclosure

20W / 40W / 80W 100.4 dBL 3" full range driver 112 - 20.000 Hz L 110 / W 110 / H 110 0.65 Kg 120 Hz Wire 10mm MDF + composite





Profile Series P2.3L P2.3F Profile Series





OPTIONS

Speaker Type FullRange
Impedance 8 | 16 Ω
Color Black / White
Orientation Landscape

SPECIFICATIONS

Power RMS
Max Output Level
Speakers Configuration
Frequency Range* (-10dB)
Dimensions
Weight
Crossover Frequency
Connector Type
Enclosure

20W / 40W / 80W 100.4 dBL 3" full range driver 112 - 20.000 Hz L 110 / W 110 / H 110 0.65 Kg 120 Hz Wire 10mm MDF + composite

OPTIONS

Speaker Type
Impedance
Color
Orientation

FullRange | Mid/High
4 | 16 Ω
Black / White
Landscape / Portrait

SPECIFICATIONS

Power RMS
Max Output Level
Speakers Configuration
Frequency Range* (-10dB)
Dimensions
Weight
Crossover Frequency
Connector Type
Enclosure

40W / 80W / 160W 104.0 dBL 2 x 3" full range driver 78 - 20.000 Hz L 120 / W 300 / H 140 1.46 Kg 100 Hz Wire Fiber Glass





Profile Series P4.3S Profile Series

Designed for lounge, bars, music-caffes, pubs, theaters, conference rooms, stores, shopping centers, malls and restaurants.





SPECIFICATIONS

Max Output Level
Speakers Configuration
Frequency Range* (-10dB
Dimensions
Weight
Crossover Frequency
Connector Type
Enclosure

80W / 160W / 320W 114.9 dBL 4 x 3" full range driver 90 - 20.000 Hz L 360 / W 350 / H 75 3.6 Kg 80 Hz Push On 10mm MDF + composite

OPTIONS

Speaker Type | FullRange | Mid/High | 8 | 32 Ω | Black / White | Portrait



Profile Series P4.3C

acoustic density

OPTIONS

Impedance

Color

Speaker Type FullRange | Mid/High

8 | 32 Ω

Portrait

Black / White

Profile Series

P4.3L



SPECIFICATIONS

Power RMS
Max Output Level
Speakers Configuration
Frequency Range* (-10dB)
Dimensions
Weight
Crossover Frequency
Connector Type
Fnclosure

80W / 160W / 320W 112.5 dBL 4 x 3" full range driver 64 - 20.000 Hz D 320 / H 150 2.8 Kg 75 Hz Push On 10mm MDF + composite



OPTIONS

Speaker Type FullRange | Mid/High Impedance 8 | 32 Ω
Color Black / White

Color Black / Whi
Orientation Landscape



SPECIFICATIONS

Power RMS
Max Output Level
Speakers Configuration
Frequency Range* (-10dB)
Dimensions
Weight
Crossover Frequency
Connector Type
Enclosure

80W / 160W / 320W 113.6 dBL 4 x 3" full range driver 75 - 20.000 Hz L 120 / W 550 / H 165 2.9 Kg 75 Hz Push On 10mm MDF + composite





Profile Series P4.3F Profile Series P8.3S



SPECIFICATIONS

Power RMS
Max Output Level
Speakers Configuration
Frequency Range* (-10dB)
Dimensions
Weight
Crossover Frequency
Connector Type
Enclosure

80W / 160W / 320W 113.6 dBL 4 x 3" full range driver 75 - 20.000 Hz L 120 / W 550 / H 165 2.9 Kg 75 Hz Wire Fiber Glass

OPTIONS

Speaker Type FullRange | Mid/High Impedance 8 | 32 Ω
Color Black / White
Orientation Landscape / Portrait

OPTIONS

Speaker Type FullRange | Mid/High

Impedance 4 | 16 Ω
Color Black / White
Orientation Portrait

SPECIFICATIONS

Power RMS
Max Output Level
Speakers Configuration
Frequency Range* (-10dE
Dimensions
Weight
Crossover Frequency

Crossover Frequency
Connector Type
Enclosure

160W / 320W / 640W

114.9 dBL

8 x 3" full range driver 64 - 20.000 Hz

L 740 / W 350 / H 75

6.4 Kg 80 Hz Push On

10mm MDF + composite







B206

Bass Series

SPECIFICATIONS

Power RMS Max Output Level Speakers Configuration Frequency Range* (-10dB)

L 350 / W 400 / H 500 Dimensions Weight

Connector Type

200W/400W/800W 118.1 dBL

2 x 6" bass driver 30 - 200 Hz

15.4 Kg 90 Hz

Crossover Frequency **Push Terminal** Enclosure 15 mm MDF

OPTIONS

Speaker Type Bass Impedance 8Ω

Black / White Color **Portrait** Orientation

B8C

Bass Series

OPTIONS

Speaker Type Bass Impedance 8Ω

Black / White Color Orientation Portrait

SPECIFICATIONS

113.2 dBL

Power RMS Max Output Level Speakers Configuration Frequency Range* (-10dB) Dimensions Weight

Crossover Frequency Connector Type

Push On Enclosure

1 x 8" bass driver 44 - 130 Hz D 320 / H 300 mm 9 Kg 100 Hz

200W/400W/800W

10mm MDF + composite



Crafted with curved wood for a diverse

range of applications and spaces.





Bass Series B10C B10H Bass Series





SPECIFICATIONS

Power RMS/Program/Peak Max Output Level Speakers Configuration Frequency Range* (-10dB) Dimensions Weight Crossover Frequency Connector Type

300W / 600W / 1200W 117.5 dBL LF 1 x 10" bass driver 40 - 130 Hz D 320 / H 400 mm 12 Kg 90 Hz Push On 10mm MDF + composite

OPTIONS

Speaker Type Bass Impedance 8Ω Color Black / White Orientation Portrait

OPTIONS

 $\begin{array}{lll} \text{Speaker Type} & \textbf{Bass} \\ \text{Impedance} & \textbf{8} \ \Omega \\ \text{Color} & \textbf{Black / White} \\ \text{Orientation} & \textbf{Landscape} \end{array}$

SPECIFICATIONS

Power RMS/Program/Peal Max Output Level Speakers Configuration Frequency Range* (-10dB Dimensions Weight Crossover Frequency Connector Type

300W / 600W / 1200W 14.5dB LF 1 x 10" bass driver

24 - 150 Hz

L 550 / W 390h / H 386 mm 17 Kg

90 Hz Speakon®

18mm Birch Plywood





Bass Series B15 Bass Series





SPECIFICATIONS

Power RMS/Program/Peak Max Output Level Speakers Configuration Frequency Range* (-10dB) Dimensions Weight Crossover Frequency

Connector Type

Enclosure

550W / 1000W / 2000W 122.4 dBL LF 12" bass driver 43 - 150 Hz L 650 / W 375 / H 400 20 Kg 110 Hz Speakon® 18mm Birch Plywood

OPTIONS

Speaker Type Bass Impedance 8Ω Color Black Orientation Landscape

OPTIONS

Speaker Type SubWoofer
Impedance 8 Ω
Color Black
Orientation Landscape

SPECIFICATIONS

Power RMS/Program/Peak | 550W / 1000W / 2000W Max Output Level 125.4 dBL LF 15" bass driver Speakers Configuration Frequency Range* (-10dB) 40 - 150 Hz L 500 / W 500 / H 575 Weight 22 Kg 116 Hz Crossover Frequency Connector Type Speakon® 18mm Birch Plywood Enclosure

28





Bass Series SW215 SW18XL Bass Series





SPECIFICATIONS

Power RMS/Program/Peak
Max Output Level
Speakers Configuration
Frequency Range* (-10dB)
Dimensions
Weight
Crossover Frequency

1000W / 2000W / 4000W 132.8 dBL LF 2 x 15" bass driver 38 - 150 Hz L 950 / W 500 / H 665 31 Kg 100 Hz Speakon® 18mm Birch Plywood

OPTIONS

Speaker Type SubWoofer Impedance 4Ω Color Black Orientation Landscape

OPTIONS

Speaker Type SubWoofer Impedance 8Ω Color Black / White Orientation Landscape / Portrait

SPECIFICATIONS

Power RMS/Program/Peak
Max Output Level
Speakers Configuration
Frequency Range* (-10dB)
Dimensions
Weight

rossover Frequency
connector Type

1600W/3200W/6400W 128.3 dBL

LF 1 X 18" bass driver

26 - 110 Hz L 845 / W 700 / H 700 mm

65 Kg 96 Hz Speakon®

18mm Birch Plywood



L204

LA Series



Powerful sound reinforcement systems that provide clarity, SPL and coverage control over a defined area with maximum dynamic impact and efficiency. Their directional properties recomend them for a truly succesful delivery of sound to the audience, regardless of venue.



OPTIONS

Speaker Type FullRange | Mid/High

Impedance 16 Ω Color

Black / White Orientation Landscape

SPECIFICATIONS

60W/120W/240W

110.5 dBL LF 2 X 3" full range driver

57 - 20000 Hz L 263 / W 600 / H 150 mm

4.3 Kg 90 Hz

10mm MDF + composite

acoustic density





HiFi Series

Distinctive audio products created for the design and quality oriented listener.

Features:

Products handcrafted in the tradition of equisite furniture that keep up with the new technology without compromising a lavish, room-filling sound. Built to fit a wide variety of audiophile listening needs and environments.





HiFi Series Estelio HiFi Series



- Material- 35mm Beech Plywood
- Tweeter- 1.2" silk dome tweeter with inside damping
- Woofer- 5" Weather protected cone, 1 inch copper voice coil
- Passive CrossOver Frequency- 3800 Hz
- Weight- 6.25 kg / pcs
- Dimensions H 331 mm x W 192 mm x D 275 mm
- Color- Glossy White, Natural Wood, Dark Red Wood, Piano Finish Black



Hi-Fi amplifier for Estelio

Natural Sound

2x RCA inputs

THD- 0.5% at 15W

Thermal Protection

Electrostatic discharge Protection

Good ripple rejection

No switch-on/switch off plop

Low damp protection

Compatible with a variety of vintage and new sound sources.

Hand crafted with the best quality components.





HiFi Series

Abyss 12

TurnTable PreAmp

HiFi Series





OPTIONS

Speaker Type FullRange
Impedance 8 | 16 Ω
Color Black / White
Orientation Landscape

Power RMS
Max Output Level
Speakers Configuration
Frequency Range* (-10dB)
Dimensions
Weight
Crossover Frequency
Connector Type
Enclosure

1000W/2000W/3000W 120.3 dBL LF: 12" bass driver 26 - 110 Hz L 665 / W 500 / H 500 68 Kg 80 Hz Speakon® 35mm Beech Plywood





SPECIFICATIONS

Superior sound quality
Ultra low distortion
Low noise
High speed: Slew rate
RIAA standard
MM and MC cartridge
Very good dynamic range
Natural Sound
Hand crafted with the best quality components.



6U Rack



Dimensions: (W x H x D): 526 x 231 x 650 mm

Weight: 12.5 kg

Material: 18mm Plywood

Color: Coated with black textured paint

Specifications:

19" Aluminium Rack Strips punched to international standards, 3mm thickness. Cage Nuts and M6 screws

included.

Front Door with lock, Open Back 38x15mm Rubber Feet

10U Rack



Dimensions: (W x H x D): 526 x 478 x 650 mm

Weight: 15.7 kg

Material: 18mm Plywood

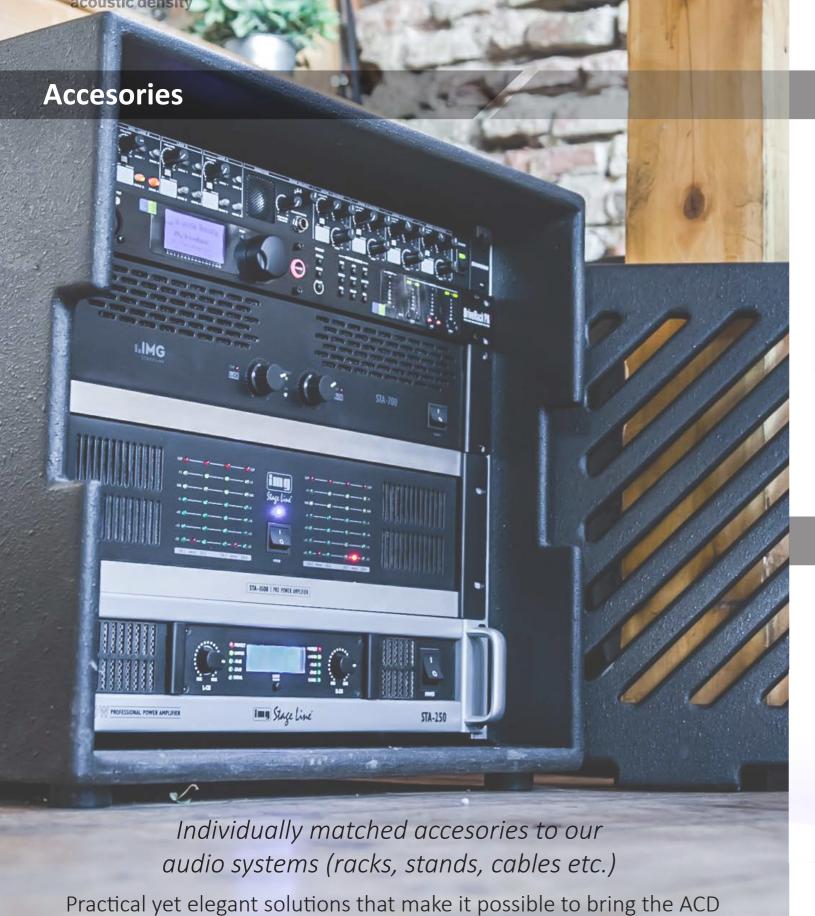
Color: Coated with black textured paint

Specifications:

19" Aluminium Rack Strips punched to international standards, 3mm thickness. Cage Nuts and M6 screws

included.

Front Door with lock, Open Back 38x15mm Rubber Feet



creations to life unleashing their acoustic and visual potential. The

perfect complements to our systems.

40





12U Rack 16U Rack



Dimensions: (W x H x D): 526 x 601 x 650 mm

Weight: 17.3 kg

Material: 18mm Plywood

Color: Coated with black textured paint

Specifications:

19" Aluminium Rack Strips punched to international standards, 3mm thickness. Cage Nuts and M6 screws

included.

Front Door with lock, Open Back 38x15mm Rubber Feet



Dimensions: (W x H x D): 526 x 808 x 650 mm

Weight: 20.5 kg

Material: 18mm Plywood

Color: Coated with black textured paint

Specifications:

19" Aluminium Rack Strips punched to international standards, 3mm thickness. Cage Nuts and M6 screws

included.

Front Door with lock, Open Back 38x15mm Movable by 4 castors, 2 of which can be locked

14U Rack

18U Rack



Dimensions: (W x H x D): 526 x 685 x 650 mm

Weight: 18.9 kg

Material: 18mm Plywood

Color: Coated with black textured paint

Specifications:

19" Aluminium Rack Strips punched to international standards, 3mm thickness. Cage Nuts and M6 screws

included.

Front Door with lock, Open Back 38x15mm Rubber Feet



Dimensions: (W x H x D): 526 x 937 x 650 mm

Weight: 22.1 kg

Material: 18mm Plywood

Color: Coated with black textured paint

Specifications:

19" Aluminium Rack Strips punched to international standards, 3mm thickness. Cage Nuts and M6 screws

included.

Front Door with lock, Open Back 38x15mm Movable by 4 castors, 2 of which can be locked

42





Dimensions: (W x H x D): 600 x 600 x 70 mm

Bulk density: 20 kg/qm **Material:** Expanded polystiren

Color: white



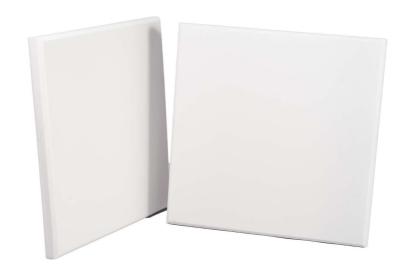
Specifications:

Can be painted with water-based paints

Lightwheight diffuser is easy, non expensive and comfortable to install.

Sound radiation behavior is optimized by a special design

Basotec Absorber



Specifications:

The use of noise-absorption and insulation material for a reduction in noise levels in a room makes perfect sense.

For this purpose, the Basotect comes in ready-to-install parts in various colors and thickness and complete with B1 fire classification.





Acoustic Treatment

Bass Trap

Dimensions: 15 x 100 x 100 mm

Bulk density: 28 kg/qm **Material:** Foam grade

Color: black

Bass traps are acoustic energy absorbers which are designed to damp low frequency sound energy with the goal of attaining a flatter low frequency room response. Made of polyurethan foam with appropriate density, hardness, tensile strength, elongation at break, resilience and flammability to suit their purpose these come in different colours to suit various esthetic needs.



Acoustic Treatment

Heraclit



- Good acoustics
- Healthy indoor climate
- Documented sustainability
- Effective fire protection
- Natural strength
- Flexible design solutions

An important part of a good and healthy indoor climate is efficient sound absorption.

Heraclit is known for its excellent sound absorption properties, which help to reduce noise and create good acoustics in every room.



Contact us: Piata Unirii 12, Cluj-Napoca, 400015, Romania Call Us: +40 (720) 600-006