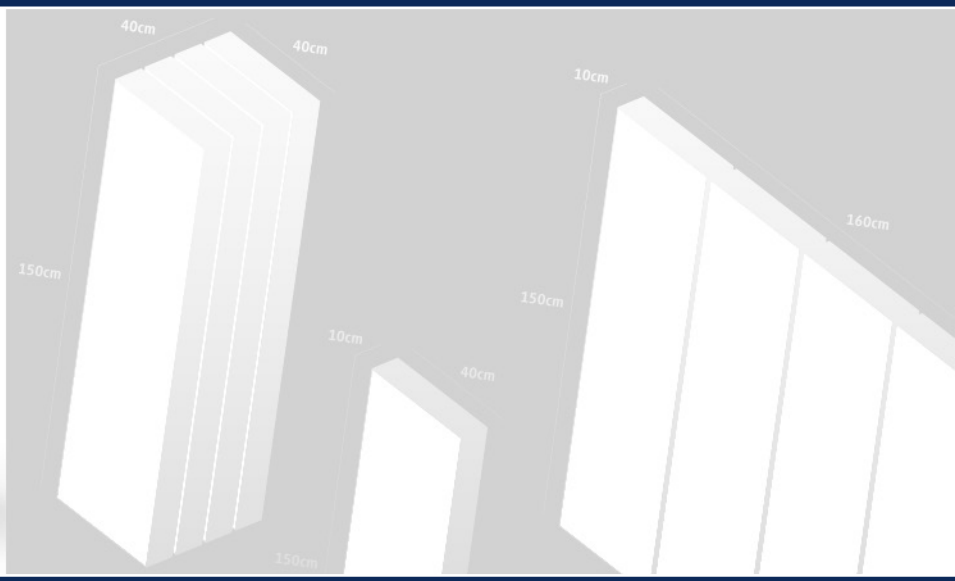

ACOUSTIC BLOCKCHAIN

HEIKKI SIHVONEN, MARKO MALINEN

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www.hifiharrastajat.org

ACOUSTIC BLOCKCHAIN

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The Acoustic Blockchain is a versatile and easily movable acoustic screen made of upholstered acoustic panels.

The Acoustic Blockchain enables you to mitigate acoustic problems by placing the Acoustic Blockchain in a suitable location. After use, the Blockchain can be conveniently folded away.

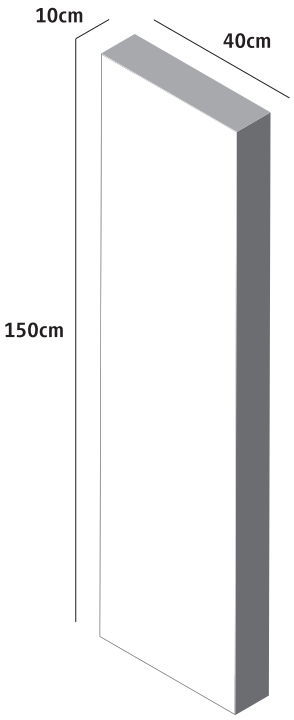
The Acoustic Blockchain can be used both as a permanent installation at home or in an office and as a temporary acoustic structure, for example in fairs, music rehearsal spaces, ballrooms, etc.

The sound absorbing material is a 10 cm thick Ewona-Acustica panel made of recycled heat-bonded polyester fibers.
Ewona-Acustica: https://ewona.fi/tuotteet/#akustiikka

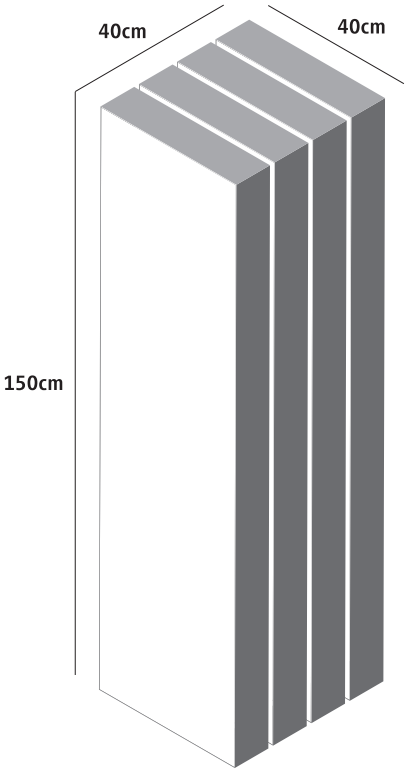
For upholstery, we recommend using cotton fabric for durability and sound permeability.

DIMENSIONS

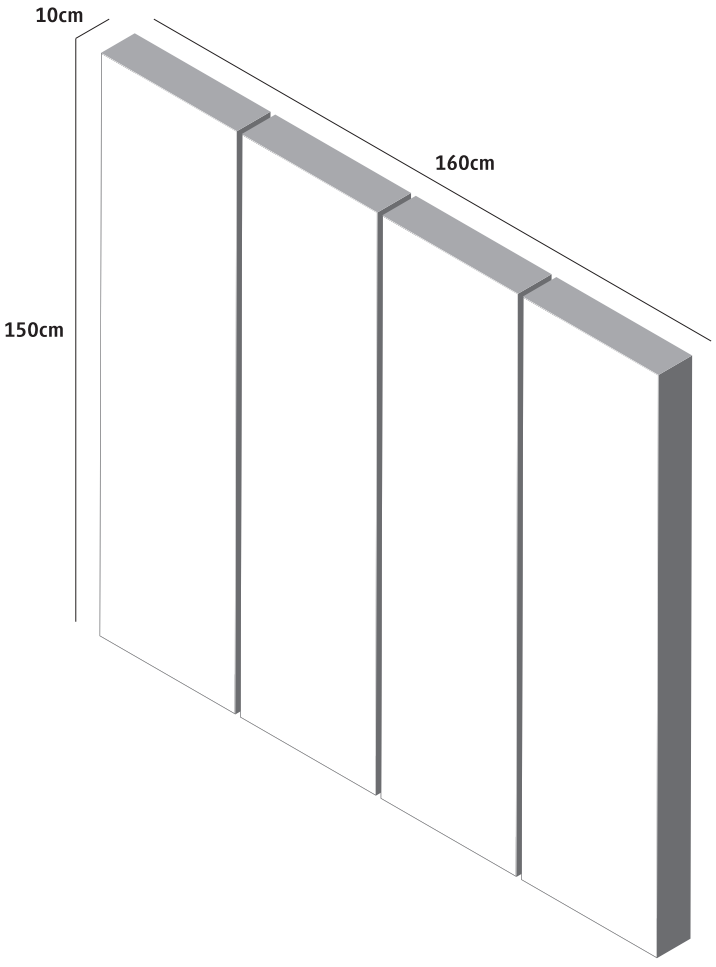
Single block: 40cm x 10cm x 150cm



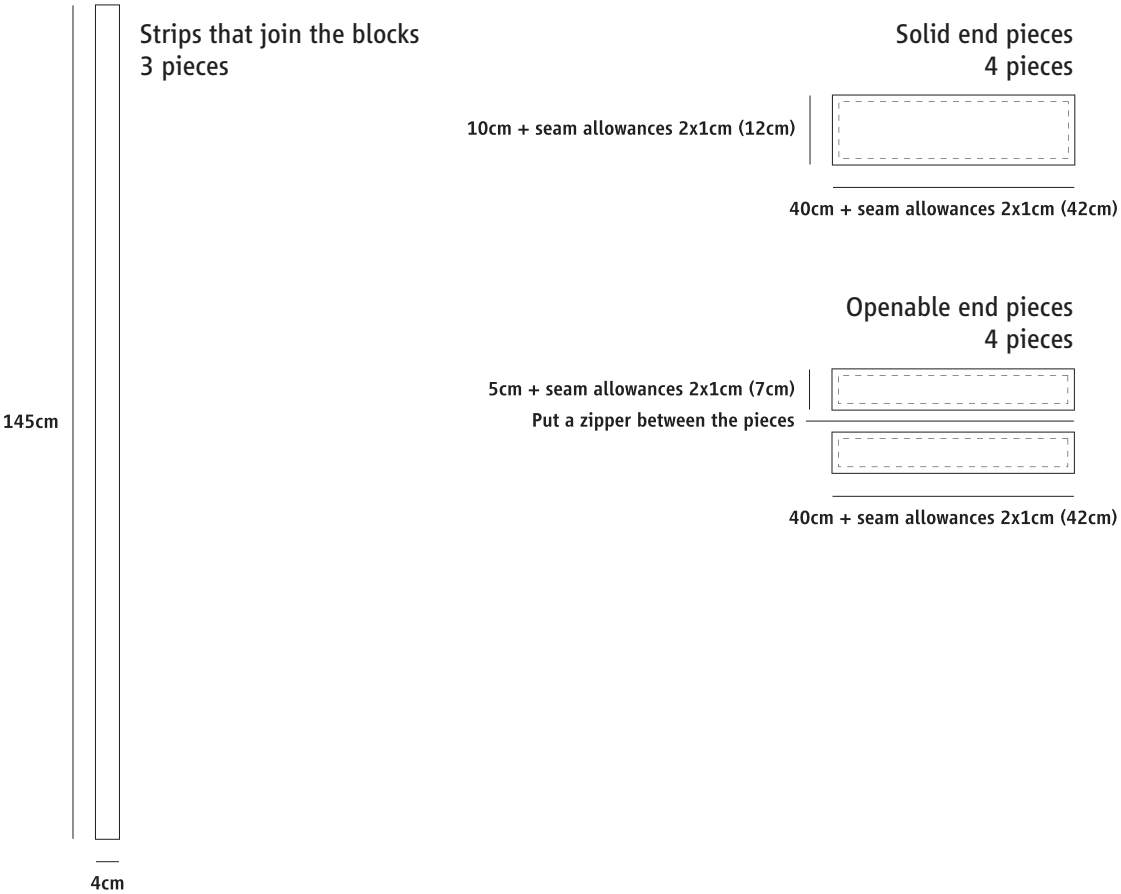
Folded up: 40cm x 40cm x 150cm



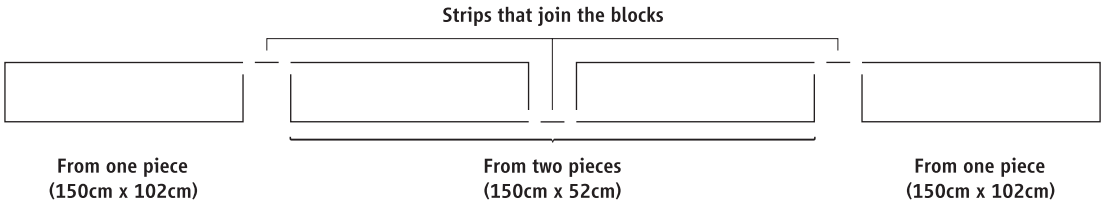
Spread: 160cm x 10cm x 150cm



PARTS AND PATTERNS FOR A FOUR-BLOCK CHAIN

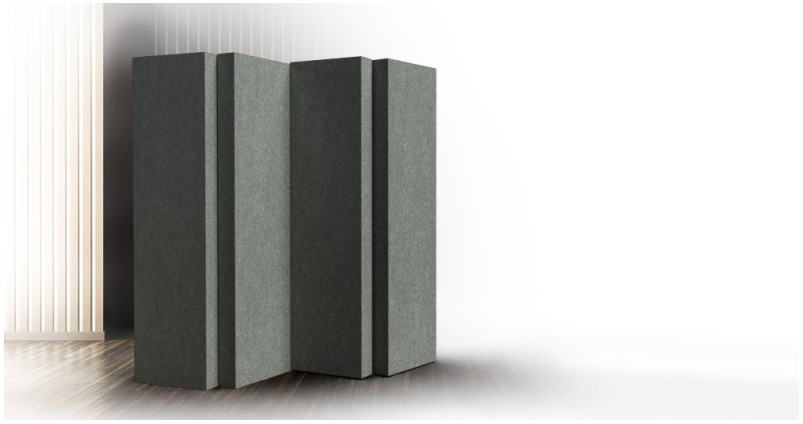


ASSEMBLING THE ACOUSTIC BLOCKCHAIN

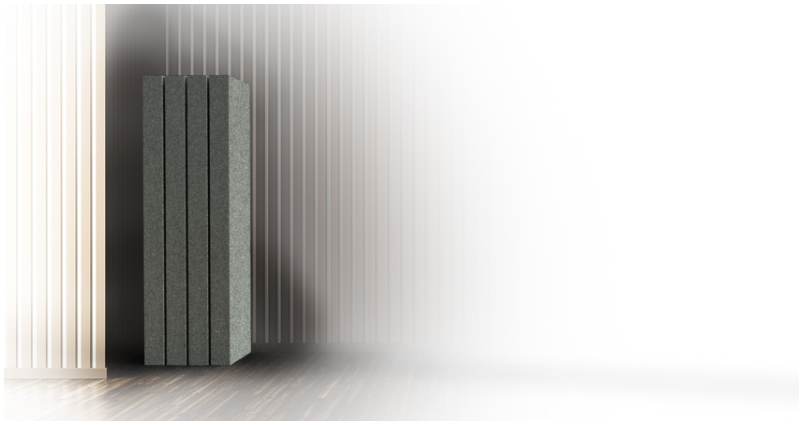


EXAMPLES OF USE AND PLACEMENT

An acoustic frame at a desired location



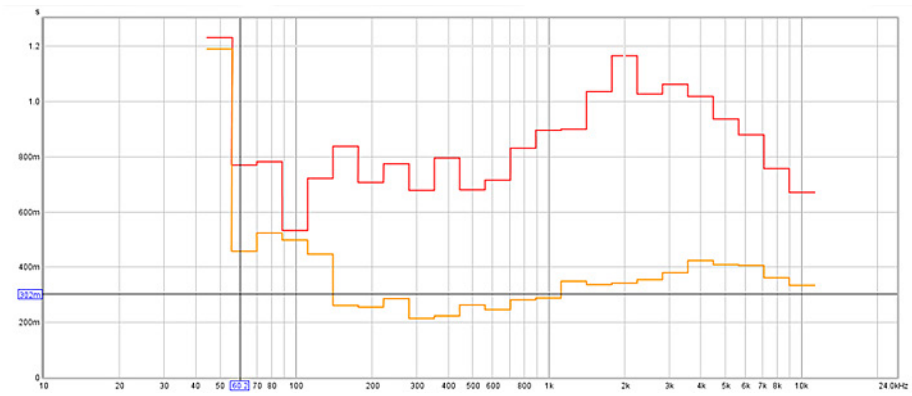
A bass trap in a corner



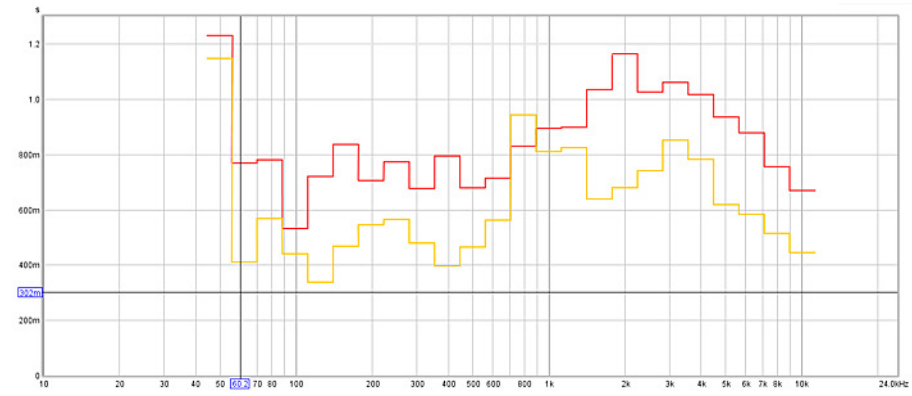
A hifi equipment stand, note that there should be a piece of plywood or a similar board under the equipment

MEASUREMENTS

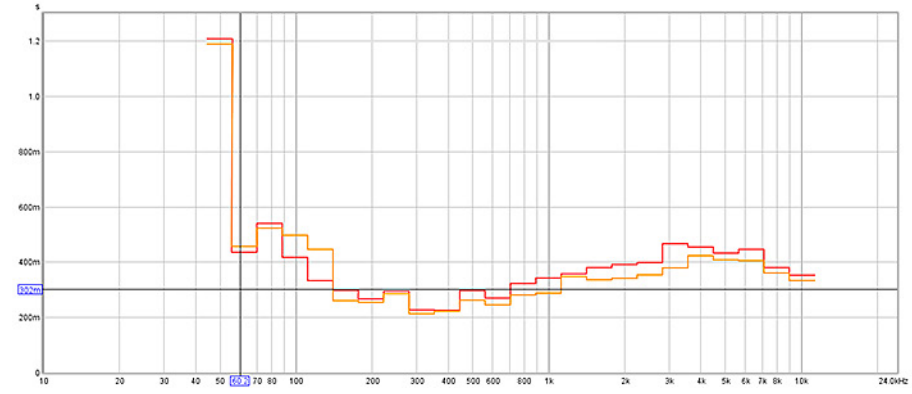
Empty office space vs. three spread blockchains



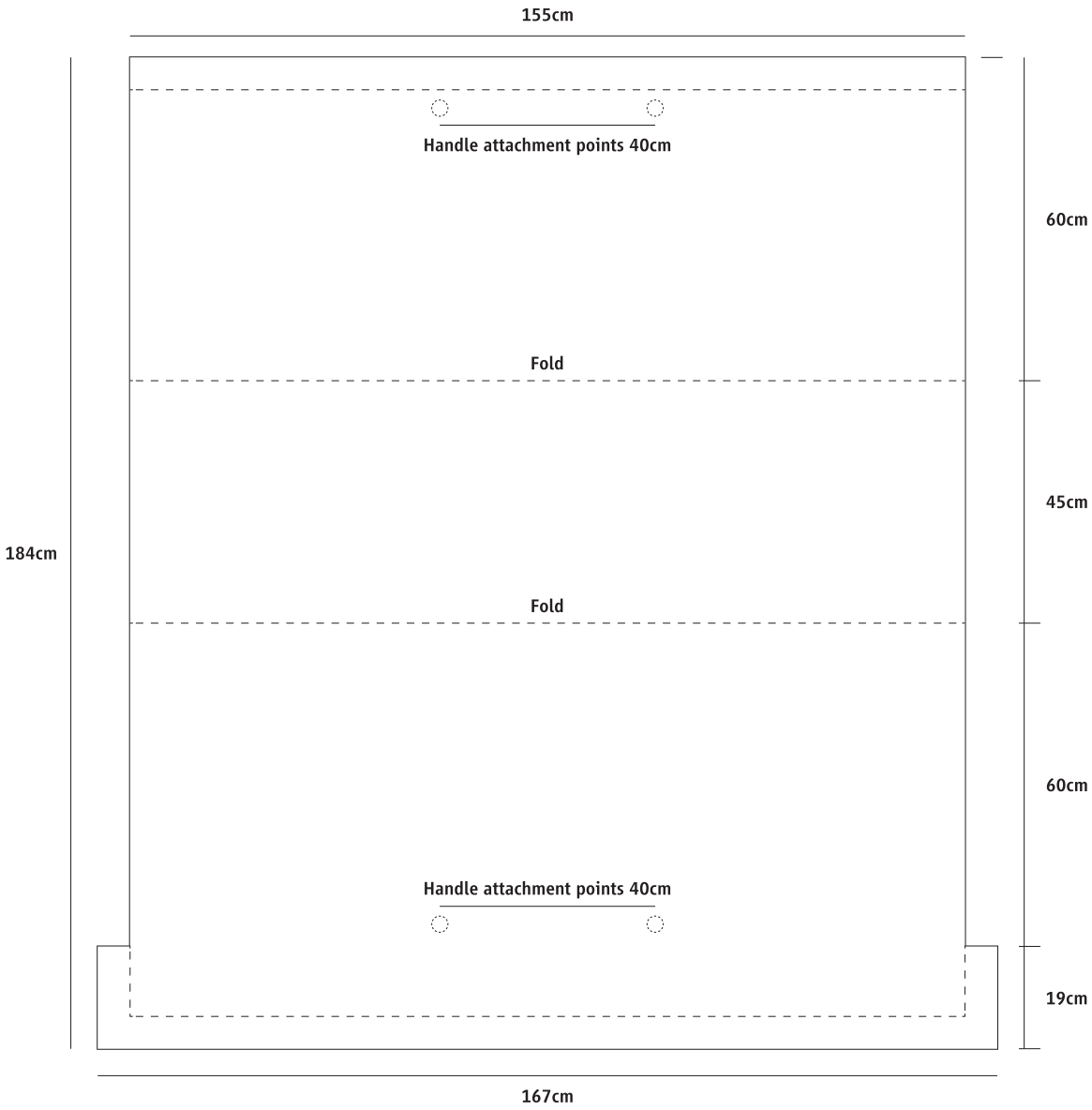
Empty office space vs. three folded up blockchains in the corners as bass traps

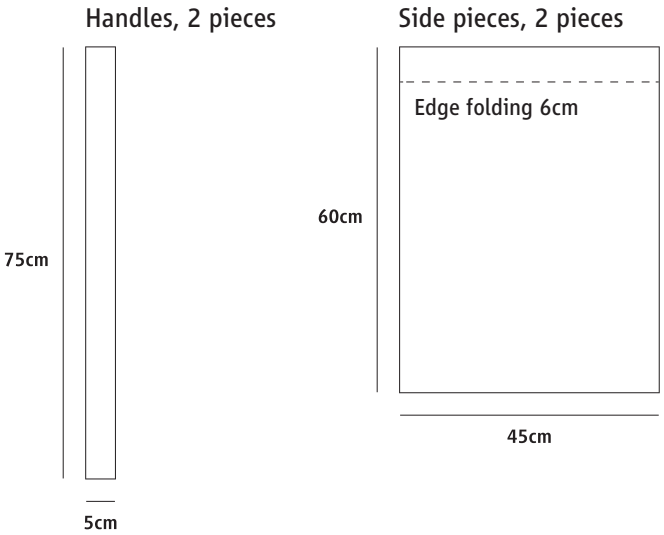


A blockchain spread straight against a wall vs. a blockchain spread zigzagging next to a wall



PARTS AND PATTERNS FOR A STORAGE BAG





Add reinforcement pieces on the inside of the handle attachment points to prevent the stiches from ripping through the fabric when the handle is pulled.

Insert velcro straps in the opening of the storage bag for closure.