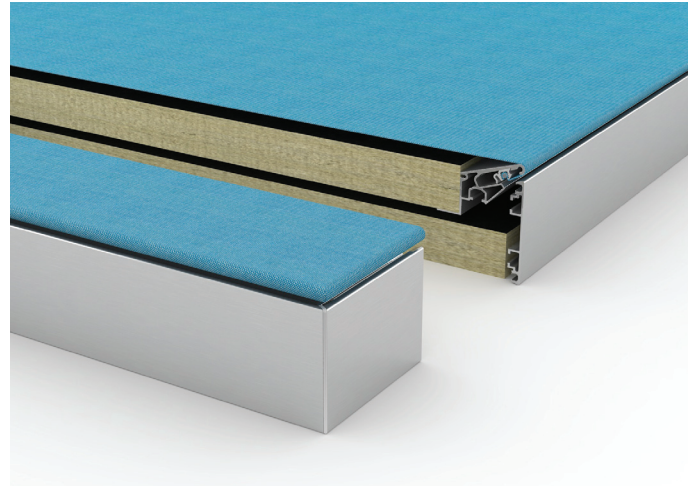


Soft Cells Ultra Broadline

version 2022.05.04



About

Soft Cells Ultra Broadline is our panel, with the highest sound absorption coefficient. It incorporates two acoustic paddings, one behind a textile layer in the frame. And one between the mounting system behind the panel. Typically this model offers Class-A broad sound absorption, as per ISO 11654.

Particularly well suited to:

Spaces with severe sound reverberation problems and noise

Spaces with limited free wall or ceiling surface for acoustic regulation

Effective broadband absorption lowering overall reverberation

Applications

Interior walls and ceilings

Structural form

Single-sided, single-layer tensioned textile with a 38 mm thick acoustic padding core. on wall/ceiling mounted unistrut profiles with a secondary wall mounted acoustic padding between

Dimensions

Customised as standard from 200 × 200 mm to 3000 × 6000 mm, depending on choice of textile (textile width – 200 mm = maximum panel width). Larger special sizes can be prepared on request

System depth

Wall-mounted version: 97 mm from installation surface

Ceiling-mounted version with magnets: 97 mm from installation surface

Frame

Aluminium hollow section profile, height: 49 mm
Colour: silver anodised

Mounting system

Walls: Unistrut with magnets and flex magnet (combined)

Ceilings: Unistrut With magnets or flex magnet with safety wires.

Textiles

A standard set of textiles have been tested for sound absorption according to ISO 11654/EN ISO 354. Additional textiles can be tested for acoustic performance upon request

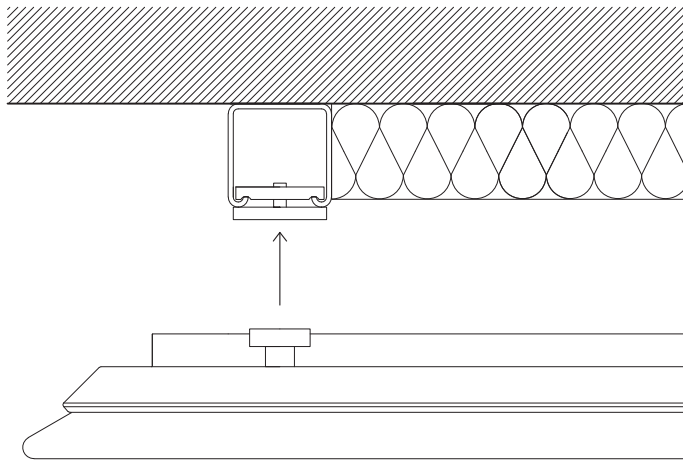
Acoustic core

Frame: 38 mm acoustic padding with 12 mm air space behind front textile

Wall: 38 mm acoustic padding with 10 mm air space to frame.

Accessories

Magnet suspension

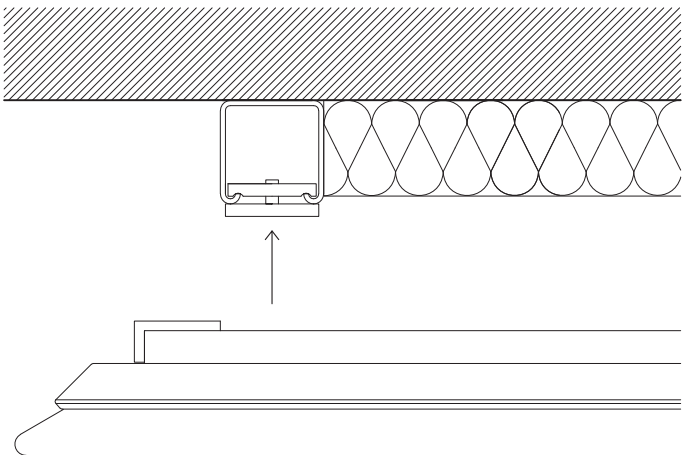


Allow for the dismantling of panels without tools.
Suitable for mounting on ceilings.

Material: pot magnet, steel

Overall depth of the panels from the face of the installation surface: 97 mm

Flex magnet suspension



Allow for the dismantling of panels without tools.
Suitable for mounting on walls and ceilings.
Concealed/hidden solution.

Material: pot magnet, steel, aluminium

Overall depth of the panels from the face of the installation surface: 97 mm

Fire performance

Kvadrat Soft Cells Ultra Broadline come with a range of fire tests classifications and certificates included as standard for several international markets (Europe, USA, China, Middle East, etc.). Due to the many different possible configurations of Soft Cells Ultra Broadline and varying fire regulations in different markets, the standard coverage can vary for your particular product choice and setting.

For further details please see Kvadrat Soft Cells Ultra Broadline fire performance, test certificates and services document.

CE-marking

Kvadrat Soft Cells Ultra Broadline comply with the EU-harmonised product standard for suspended ceilings (EN-13964)

For further details please refer to softcells.com

Printed SC

SC with print is available on Primus 1100 and Toto 1102 as a front textile.

Printed textiles are EN-fire tested B,s1-d0 and yields acoustic class A on Broadline.

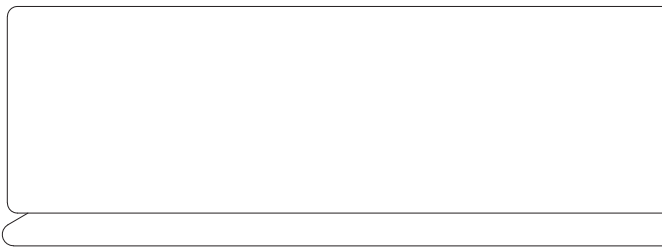
Printed SC size limits are:

Max length of 3000 mm

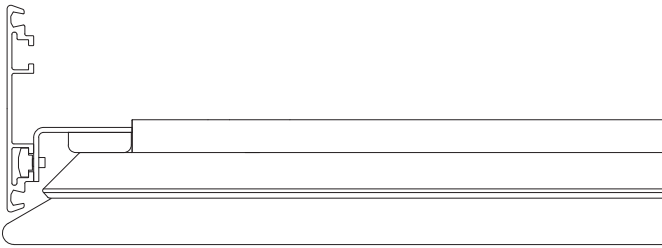
Max width of 1500 mm.

Acoustic performance

End caps / closed edge



Front view End cap profile



Side view End cap profile

For covering the gap between wall and Soft Cells Ultra Broadline

Material: aluminium

Width of end cap: 82 mm, length adjusted to length or width of Soft Cells, max. 6000 mm in one piece
Can be either anodised surface or upholstered with the same textiles as the Soft Cells panels

Environmental labelling

Kvadrat Soft Cells Ultra Broadline carry general environmental product declaration (EPD) according to international standards. This information feed into all major environmental building certification schemes like DGNB, LEED, BREEAM, HQE and others used worldwide.

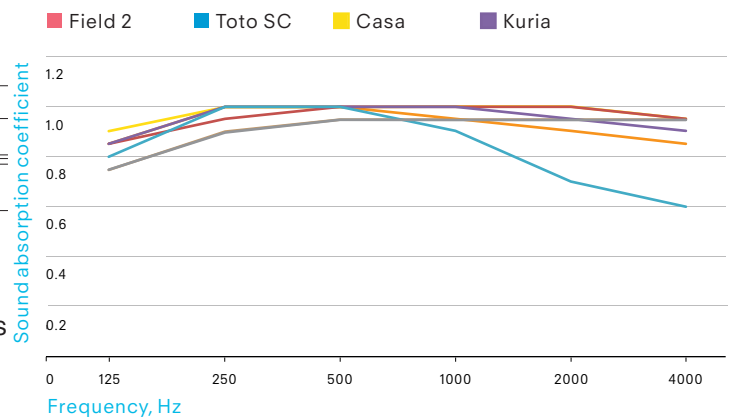
Furthermore, Kvadrat Soft Cells Ultra Broadline are designed for disassembly.

Acoustic results for specific textiles can be supplied upon request, or downloaded from soft-cells.com.

See indicative examples in figures below:

Use

Wall and ceiling absorbers installed with magnets, 55 mm depth (ISO-354) with different front textiles



Textile example	Acoustic Class	α	EN Fire Class
Field 2	A	1,00	B-s1,d0
Ginger 2	A	0,95	B-s1,d0
Casa	A	1,00	B-s1,d0
Pro 3	A	0,95	B-s2,d0
Kuria	A	1,00	B-s1,d0
Time 300	A	0,95	B-s1,d0
Toto SC	C	0,75	B-s1,d0