

AKUSTO WALL C AKUTEX HS

Visual design edge



The wall absorber should consist of glass fiber wall panels Ecophon Akusto Wall (edge C) with bevelled edge design creating a narrow groove between panels. Format 2700x600x40 mm installed with Ecophon Connect Thinline Profile.

The weight of the system (including profile system) should be approximately 5 kg/m². The visible surface of the wall panel tile should be Akutex™ HS, colour White 500, water-based painted, easy-to-clean surface for areas with high humidity and occasional direct water.

Installation: The system should be installed according to Ecophon installation guide M435C4.

Visual appearance: The closest NCS colour of the white visible surface of the panels and the grids should be S 0500-N.

Acoustic absorption: The wall absorber should be of sound absorption class A, should have a weighted sound absorption coefficient α_w of 1.00 and octave band practical sound absorption coefficients (overall depth of system: 60 mm) of:

Surface	125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz
Akutex™ HS	0.30	0.85	0.95	0.95	1.00	0.95

Values should be measured according to EN ISO 354 and classification according to EN ISO 11654.

Fire safety: The wall panels should be classified A2-s1, d0 according to EN 13501-1; the profile system should be A1. The glass wool core should be tested and classified as non-combustible according to EN ISO 1182.

Mechanical Stability: Wall panels should remain 100% stable in environments reaching up to 95% relative humidity and 30°C temperature. They should be tested according to EN 13964:2014, Annex F.

Indoor Health and Wellbeing: The wall panels should comply with the French regulation on VOC emissions, A level. They should also be certified by the Finnish Building Information Group (RTS) with the M1 label. The panels should be free from Substances of Very High Concern (SVHC) above 100 ppm as defined by the European REACH regulation (No 1907/2006).

Circularity: The minimum post-recycled content of wall panels should be 62%. Tiles and grids should be 100% recyclable.

Maintenance: Daily dusting, vacuum cleaning and weekly wet wiping.