



Room acoustics significantly influence how comfortable we feel in particular spaces. Space with poor acoustics makes speech unintelligible and puts strain on a speaker as the voice gets distorted and echoed. AV has a long reputation of making outstanding loudspeakers and is always challenged with the need for excellent room acoustics. Precision installations demanded the best and an acoustic treatment was often necessary. The AV advantage is advanced technical background and necessary equipment that measures room acoustics and objectively evaluates the results of acoustical treatment and consecutive adjustments. Based on more than 20 years of experience, AV Soundpanel was born. AV Soundpanel is designed as an individual panel with 600mm × 600mm overall dimensions. To achieve maximum results and coverage of problematic areas three essential elements were combined: • The entire panel is designed as a damping resonant panel, where its property is manifested primarily in the lower frequencies – approximately 570Hz • The front panel features an array of apertures, openings for acoustic damping with fabric and rock acoustic wool. Augmented frequencies range from 4,250Hz to 17kHz • The front wall is not parallel to the rear wall panel. This trapezoid form allows for multifaceted installation and is designed to suppress the formation of standing waves on parallel surfaces in the room. The significance of this element is in its acoustic spectrum. The panels can be applied to walls and ceiling. Suitable applications do not require entire wall coverage. Based on the initial acoustics of the room, the panels can be added as needed, creating visually appealing patterns and décor. The application is straightforward. The panel is self-supporting, and a series of mounting keyholes on the back allows for quick and simple field install. The keyholes are adapted to ensure suspended position in any desired direction. For ceiling installation a version with a hidden side lock should be used



width	600mm
height	600mm
thickness	120 / 80mm
weight	6.5kg