

Product description

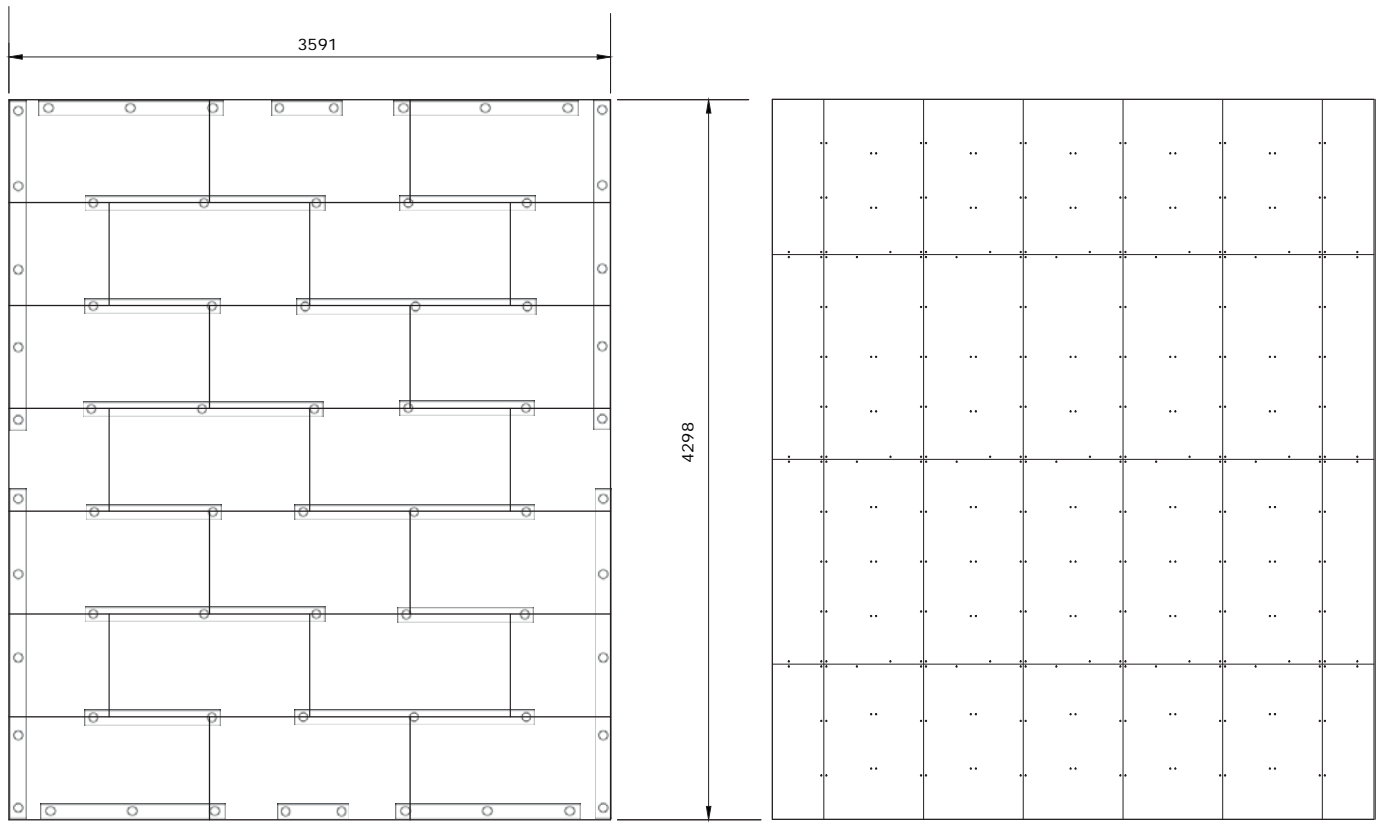
Low profile Steel Floor, constructed of two 6 mm thick steel plates separated by Neoprene rubber, which rests on either VIKAFOAM or VIKACELL vibration absorbers. These ensure effective vibration insulation against noise from the building's concrete floors. Noise from the building's concrete floor can originate from vibrations caused by noisy footsteps or machines located in other parts of the building. Noise can also come from nearby train or subway lines, and from nearby roads with heavy traffic.

The floating steel floor prevents airborne and structure-borne noise from entering the room.

Application

The total floor structure is 50 mm high and the resonant frequency for vibrations in the room is less than 11 Hz. Attenuation at 60 Hz is at least 30 dB and at 120 Hz it is more than 45 dB. The floor height can be increased to achieve a lower resonant frequency.

The relatively low installation height of the floor makes it easier to accommodate access for wheelchair users and it can be incorporated in most rooms while keeping a comfortable ceiling height.



Lower Floor Plate Layout

Upper Floor Plate Layout

6mm Steel Plate
Neoprene Sheet
6mm Steel Plate

