



Acoustic Properties

Sound transmission loss is a property that depends greatly on the building element and its method of installation.

However, as a general figure, Alpine MDF thickness of 16mm and thicker should achieve a sound transmission class of STC – 29.

- UBC requirements for walls: STC rating of 50 (if tested in a laboratory) or 45 (if tested in the field*).
- UBC requirements for floor/ceiling assemblies: STC ratings of 50 (if tested in a laboratory) or 45 (if tested in the field*).

- Installing insulation within a wall or floor/ceiling cavity will improve the STC rating by about 4-6 dB,
- An air space within a partition can also help to increase sound isolation. This, in effect creates two independent walls