

Plant Room Floating Flooring System

Plant room floating flooring system, a continuous layer of the isolation media is used as a pouring surface. More commonly, individual isolators, the thickness of the air gap are placed in position in the field and covered with plywood or factory attached to plywood before delivery. The upper surface is covered with a plastic layer and then the reinforcing is placed on top of the plywood forms and the concrete poured at finished elevation.

"MASON" EAFM Floating Floor

Round Elastomeric Acoustical Floor Mountings (EAFM)

Cylindrical neoprene mountings with a diameter no less than 0.9 of the 2 inch (50mm) height. Isolators are molded to DuPont neoprene AASHO bridge bearing of maximum durometer 60.

Features

- ◆ Design static deflection is around 5.0mm
- ◆ Estimated vibration isolation efficiency above 70% at 25Hz excitation frequency
- ◆ Natural Frequency of the system is around 12Hz

Applications

- ◆ Suitable for application of the general mechanical plant room where settlement at rotten of wooden formwork is not a problem, e.g. Pump Rooms, AHU Rooms, etc.

