

5 LAYERS DNM FOUNDATION ISOLATION PLATE

Dynemech DNM Foundation Isolation Plate provides low frequency vibration isolation for foundation isolation applications.

Construction:
Composite elastomeric material specifically designed to provide low frequency vibration isolation.

Oil & Chemical Resistance
Resistant to fuels, lubricating oils, water etc.

Working Temperature Range
-20°C to +70°C

Applications :
Foundation Isolation Floor
Foundation Isolation Side Wall

Standard Sheet Size
200 x 200mm

Load Range
0.75-3 Kg/cm²

Creep
Permanent static loads cause a certain amount of creep (additional deflection) in all elastomeric materials. The long term creep of **DNM Foundation** isolation material is very low when used in the above load range. This provides life-long usage under suitable conditions.

Thickness
89mm

5 Layers of DNM Foundation isolation plate set are ideal for foundation isolation. With increased thickness, the natural frequency is reduced, which also improves isolation. Each Insulation Plate is separated by Da1 Plate.

Stress Kg/cm ²	0.75	1	1.25	1.5	1.75	2.0
f_n	8.6	7.5	6.7	6	5.6	5.2
d	3.31	4.4	5.6	6.8	7.9	9

f_n Static Natural Frequency (Hz) ; d deflection

