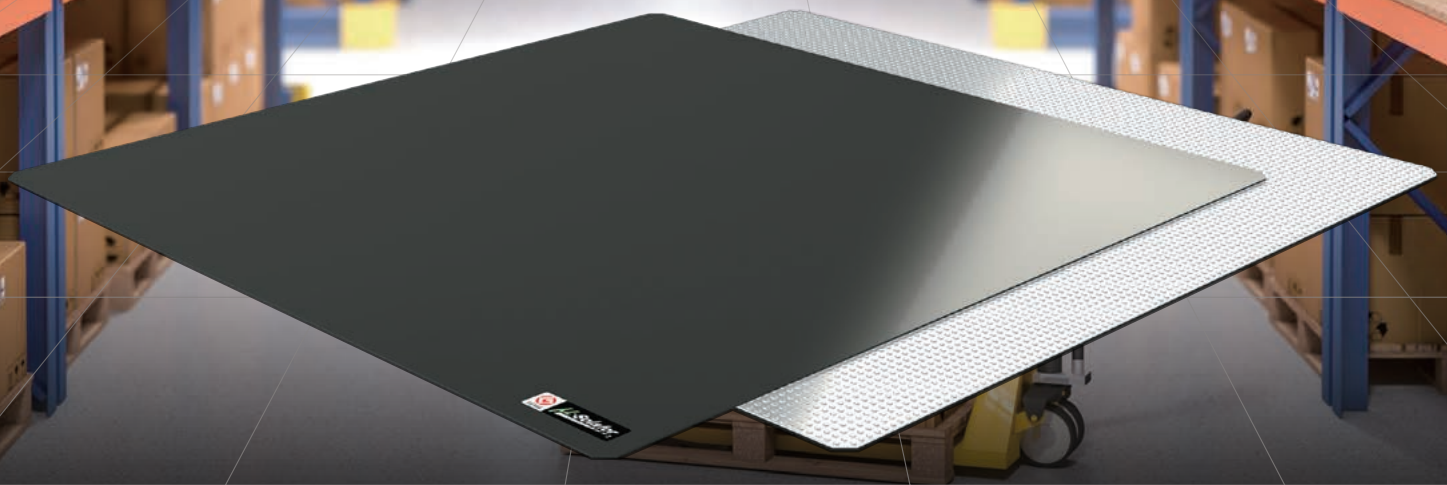


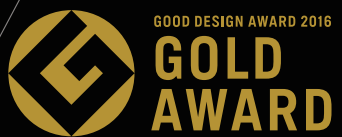


μ-Solator

ミューソレーター TM



It's Only 3mm.



PATENTED



The Thinnest in the World.
Features of μ-Solator

- 1** In any earthquake, seismic intensity can be reduced to 100gal or less (seismic intensity 4)
- 2** 3mm thickness can keep the appearance of the object.
- 3** With the optimal friction factor of 10%, μ-Solator™ does not work unnecessarily in a daily life.

Direct Floor Application Type

The floor can be isolated in the same manner as the tile carpet is laid on the existing floor. 3mm thickness enables smooth handling by hand truck and forklift.



1 Arrange double-sided tape



2 Install μ -Solator™



3 Install Floor Covering



Complete

Examples



Warehouse



Factory

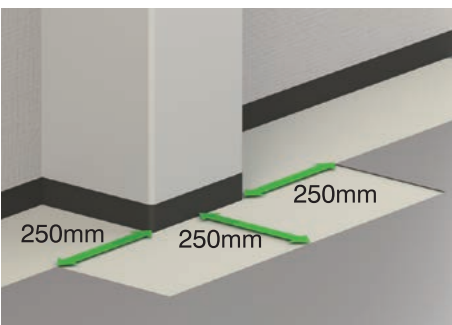


Storage Racks



Equipment Area

Border Circumstances



Circumference around Pillar



Application of Grease Seal

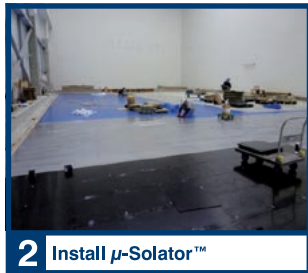
μ -Solator™ moves within the range of approximately 250mm during an earthquake. Therefore, μ -Solator™ shall be installed at a position separated from the wall and/or pillar at a distance of 250mm or more (recommended distance) therebetween. Grease is injected between cell sheet and sliding plate to obtain waterproof and dustproof performance.

Concrete Floor Type

Simply installing μ -Solator™ on the existing floor and placing concrete thereon. Isolated foundation can have anchor bolt driven thereto and structure thereon.



1 Arrange double-sided tape



2 Install μ -Solator™

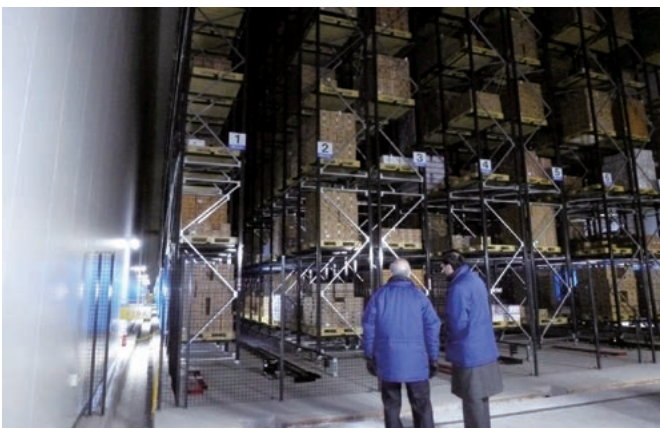


3 Pour Concrete



Complete

Examples

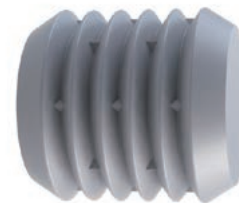
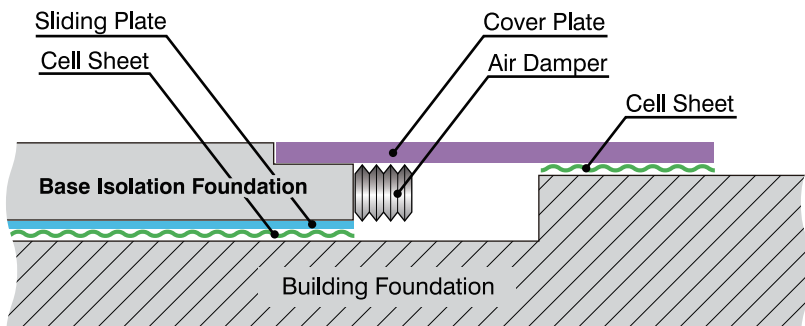


Automated Warehouse



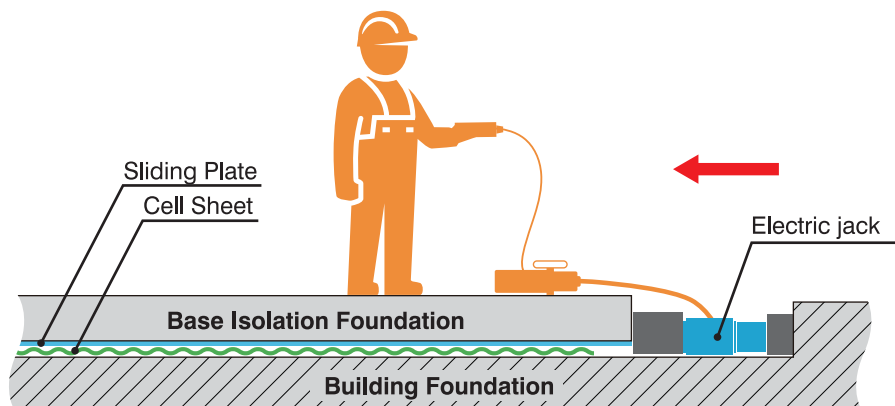
Factory

Fail-Safe System to Meet Potential Large Earthquake *optional

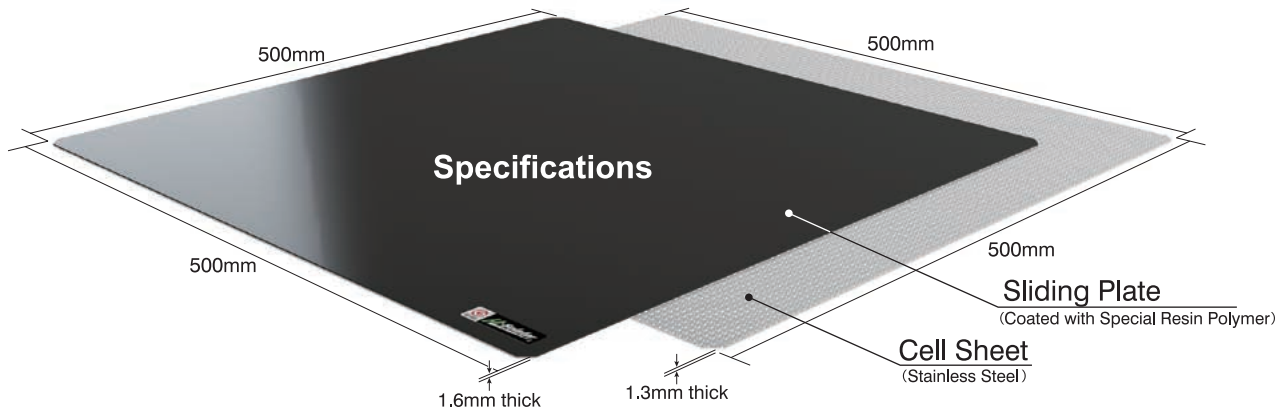


Air damper absorbs shocks caused by potential large earthquake.

Displacement Restoration Method



Original setting can be restored by Electric jack stored in pit.



Specifications

| | |
|---------------------|--|
| Isolation Mechanism | Sliding Isolation |
| Isolation Capacity | In any earthquake, seismic intensity can be reduced to 100gal or less (excluding movement in a vertical direction and pulse response). |
| Displacement Limits | ± 250mm (Recommended) |
| Load Limits | 100 tons per m ² (Concentrated limit is 1 ton per leg) |
| Maintenance | Maintenance Free |
| Warranty | 1 year after delivery date |
| Note | *No warranty is provided for objects being placed on μ-Solator™. *No generations of zinc whiskers. *Specifications are subject to change without notice. |
| Patents | The μ-Solator™ products are protected by patents in the United States and elsewhere. US Patent Nos. 9,212,480 9,175,490 |

! Notice

- 1 μ-Solator™ is the system that reduces horizontal vibrations causing a falling over by an earthquake. μ-Solator™ is not applicable to vibrations in a vertical direction by an earthquake, mechanical vibrations, and vibrations without causing a falling over. Those vibrations are out of scope of the performance of μ-Solator™.
- 2 μ-Solator™ is the system reducing the risk of falling over by an earthquake and therefore no damage is assured.
- 3 μ-Solator™ shall be surrounded by an operational space for not interfering with other objects during an earthquake and the operational space shall be empty. The performance of μ-Solator™ may deteriorate and may lose its function if μ-Solator™ moves beyond the operational space during an earthquake.
- 4 After a large earthquake has occurred, the situation of the object shall be checked. μ-Solator™ may have a residual displacement and, if the displacement is observed, please contact below.
- 5 Do not push the loaded object carelessly. The object may move suddenly.
- 6 Due to a defect of the base portion (free access floor, slab etc.) and obstacles therefrom, there may be cases where μ-Solator™ does not work.
- 7 When μ-Solator™ is installed on 6th floor or above, verification of the installation shall be carried out.
- 8 When μ-Solator™ is removed and reused, cleaning treatment is recommended (extra charge).
- 9 Please feel free to contact us if you have any questions.

NOTE

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