UNISORB REGUFOAM ISOLATION PADS

For installations requiring lower system natural frequencies (in the 6 to 15 Hz range) the IB-500 series pads can be replaced with Unisorb Regufoam Isolation Pads.

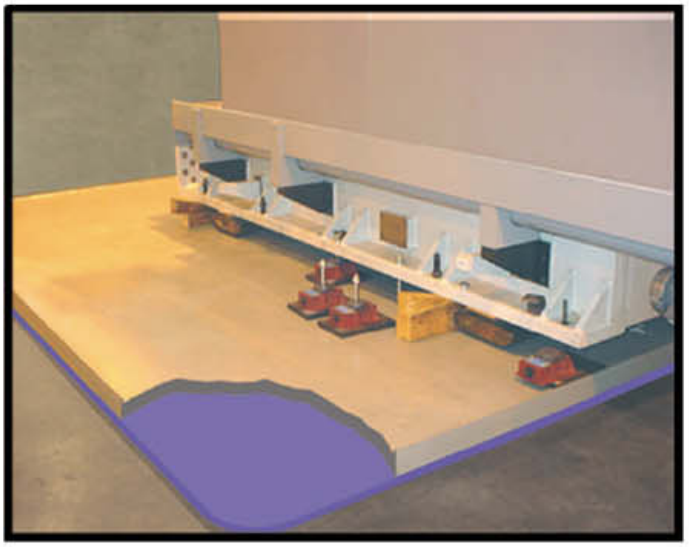
These materials are extremely long life polyurethane foams which are well proven in isolated foundation applications. These highly sophisticated engineered materials provide very predictable performance, and are very resistant to contaminants found in the industrial environment.

Unisorb engineering will assist with the application of these pads to assure maximum performance.

- **Natural Frequency Range of 6 to 15 Hz**
- **Proven long life**
- **Simple installation**
- **Ideal for installations that require shallow concrete foundations or steel plates**

Regufoam is applied as a vibration isolating structural element in the installation of both source and sensitive equipment. Regufoam installations provide a cost effective and simple approach to preventing the transmission of structure borne noise and vibration. Reguform is an engineered combination closed and open cell foam material that exhibits excellent vibration isolation characteristics. It has exceptional damping and superior durability in the industrial/commercial environments as proven in over two decades of successful applications.

The illustration on the following page shows a machine mounted on a steel plate with Regufoam isolation material underneath. Other applications include inertia blocks, pump service pad isolation, and air handling equipment service pad insolation.



When used under a poured concrete foundation or slab, Unisorb recommends covering the Regufoam base pad materials with 3/4" thick construction grade industrial treated plywood. This will maintain the integrity of the flat bearing surface on the Regufoam pad material. An air gap is preferred around the perimeter of the sidewalls of the foundation. This is because we do not want the lower natural frequencies which are made possible by the use of the Regufoam base pad materials to be altered by the presence of any sidewall pad materials.