Designing a lab? Have you considered...

Can a floor improve employee wellness?

The answer is Yes.

It starts with ergonomics and ends with a more productive, less fatigued lab staff. Choose a lab floor that does more. Whether standing at the lab bench or rolling carts, ECOsurfaces' itsTRU® technology outperforms, outlasts, and exceeds "anti-fatigue" mats on all levels-and eliminates the trip hazards and maintenance hassles. Make the upgrade; your lab staff will thank you.

For more information, please contact your local sales representative.

ECOsurfaces is built on itsTRU® technology:

- Ergonomically-balanced
- Impact Reduction
- Energy Restitution
- Durable
- Maintainable

eco surfaces

Anti-fatigue vs. Ergonomic Surfacing

Ergonomic surfaces should provide a balance between force reduction and energy restitution to the user. Ergonomics is enhanced as these two dynamic forces come into balance. This **balance** is measured by **NRG** = Force Reduction + Energy Restitution.

Anti-fatigue

Anti-fatigue has been the attribute of choice for lab/ergonomic flooring applications. ECOsurfaces focuses on ergonomics in a more comprehensive way than other flooring manufacturers. We have engineered our floors to provide force reduction and energy restitution, in order to make a floor comfortable, efficient and effective for the people that are working on them.

Ergonomics

Most people working in a lab space desire a soft surface, because they think softness equates to comfort. Unfortunately, a soft surface can be detrimental to ergonomics. This can be illustrated best by comparing concrete to sand. A concrete surface provides very little force reduction and a lot of energy restitution; the result is a negative impact on joints and related comfort. A common solution to this problem is to use anti-fatigue mats which inhibit rolling cart traffic and can create maintenance issues. Unfortunately, this is not an effective long-term solution.

On the other hand, working on a sandy surface will provide a lot of force reduction and no energy restitution. While sand feels great and is very comfortable, long term it causes fatigue to the body. An anti-fatigue mat performs in a similar way. The body mechanics constantly adjust for balance and movement. Over the course of a workday, more energy is expended and the body becomes fatigued.

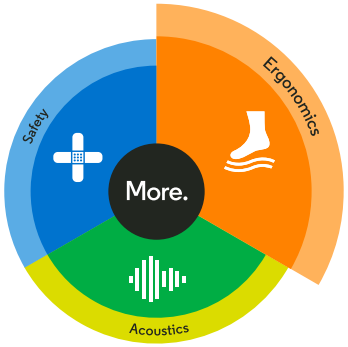
Balance

Having the right balance in a surface becomes critical over time. At the end of the work day, using a surface that has the right balance of force reduction and energy restitution will result in the user having more energy and less pain and discomfort. The result: an optimal balance between comfort and fatigue and enhanced wellness for the staff.

AURORA RX

11.2% **Force Reduction**

67.4% **Energy Restitution**



Designing Performance In.
Designing Waste Out.

We believe there's a difference between floor coverings and performance surfaces.

For more information about ergonomic surfaces and how ECOsurfaces can make people's lives better visit ecosurfaces.com.

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