

Data Sheet

itsTRU® Flooring Technology Senior Care

Ecore's itsTRU® technology delivers premium flooring products developed and manufactured to meet the extreme challenges experienced in senior care environments.

Products built on itsTRU® technology support an active, healthy, senior lifestyle. The residents and providers benefit from enhanced acoustics, ergonomics, and safety properties.

Ecore's itsTRU® technology utilizes a patented fusion bonding process and recycled rubber composite to:

- Reduce the risk of injury from a fall
- Quiet the residential environment
- Enhance staff well-being



The Tru Facts

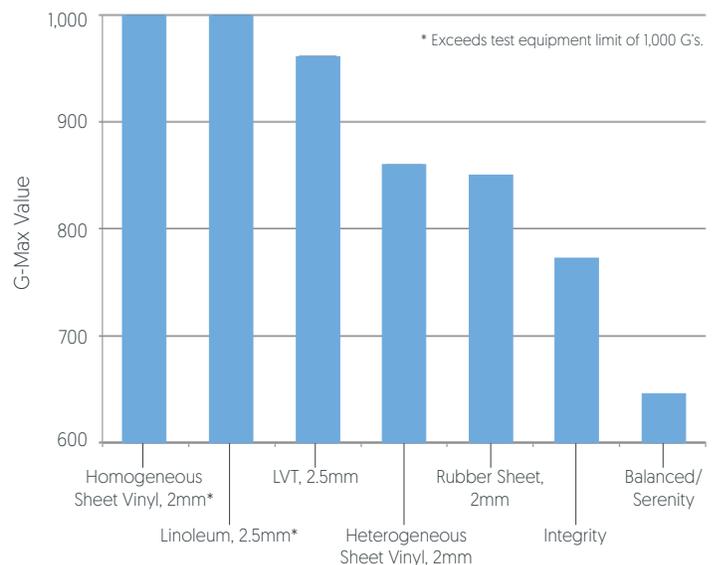
Resident Safety

Resident falls and injuries from falls continue to challenge providers and directly impact the resident's experience, outcome and quality of life. How can a floor help prevent serious injuries when falls occur?

- ItsTRU® products have been tested for G-Max using the Clegg Machine protocol. A conventional mathematical formula is often used to convert Clegg test results to ASTM F355 result for comparison purposes.
- Using this protocol to compare traditional healthcare flooring products, the itsTRU® flooring technology demonstrates up to a 35.5% reduction in impact acceleration.
- Reducing injury from falls may reduce unbudgeted and non-reimbursable treatment charges.

It is generally acknowledged that a standardized test protocol measuring force reduction in a healthcare environment does not exist. This should not deter analysis of products to measure and compare the force of impact but rather motivate the industry to create such testing standards. Until that time the physics involved in force reduction can still be used to determine optimal flooring solutions related to resident falls.

How Supportive is Your Surface?



The Tru Facts (cont.)

Acoustics

A quiet environment enhances communication and creates a calm peaceful space. Noisy spaces can add confusion in Alzheimer/memory care residents.

- ASTM 2179 test results reflect a Delta IIC of 23dB for Tru® products, compared to 3dB for LVT and 8dB for heterogeneous sheet products.
- Rolling cart and surface generated noises are significantly reduced (University of Hartford Acoustic Study).

How Quiet is Your Surface?

Product	IIC per ASTM E492	STC per ASTM E90	ΔIIC per ASTM E2179	E-3133
LVT, 2.5mm	No Data	No Data	3	90
Homogeneous Sheet Vinyl, 2mm	No Data	No Data	8	85
ECOsufaces, 3.2mm	50	56	20	83
Balanced/Serenity	52	56	23	77
Integrity	54	50	23	77
Heritage Motivate	53	52	23	

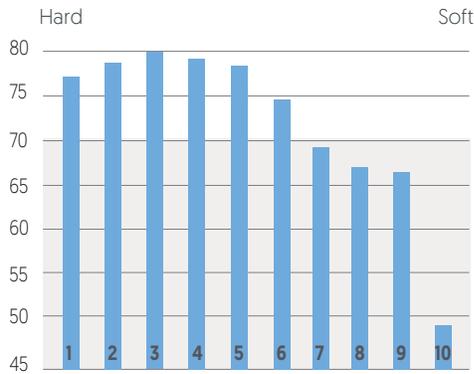
Staff Wellness

The physical and emotional health of the caregiver has a direct impact on the quality of care delivered. How can a floor enhance the well-being of a dedicated staff?

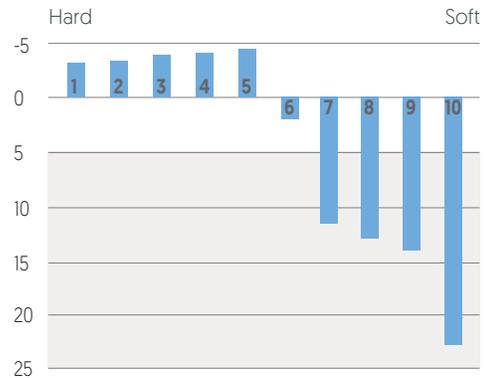
- Enhanced ergonomic properties through a balance of force reduction and energy restitution.
- Reducing impact force (force reduction) by more than 10% and returning energy to the body (energy restitution) less than 70% is a desirable range of ergonomic performance (Deltec Test).
- Reduction in chronic pain may lead to improved productivity and quality of care, less absenteeism, fewer workers comp claims, and an overall improvement in quality of life for dedicated healthcare providers.
- Easy roller mobility for wheelchairs and walkers.

How Ergonomic is Your Surface?*

% Energy Restitution



% Force Reduction



1. Concrete, 2. Heterogeneous Sheet Vinyl 2mm, 3. Rubber Sheet 2mm, 4. Homogeneous Sheet Vinyl 2mm, 5. VCT, 6. Linoleum, 7. Balanced, 8. Integrity rx, 9. Serenity, 10. Carpet 34oz 1/10 ga loop

*Based on the Deltec Test

Technical

- Exceptional resilience and recovery from indentation (Standard ASTM F970 and modified to accommodate higher loads).
- Engineered resiliency to withstand heavy rolling loads common in healthcare environments (ASTM F2753).
- Roller mobility of patient beds and other heavy rolling loads are comparable to 2mm vulcanized rubber sheet.
- Ease of maintenance with no polish required.
- Available in 6' wide rolls and 6" x 48" PVT.
- Heat welding available to create a sanitary floor.
- Up to 65% post-consumer recycled content.
- Made in the U.S.A.
- MindClick "Leader" Classification



Ecore Products Approved for Senior Care

Baller	Serenity	Heritage Motivate
Balanced	HydroGrip Motivate	UltraTile (outdoor spaces)
Restorative	Integrity Motivate	TurfTile (outdoor spaces)