HETEROGENEOUS SHEET
REJUVENATIONS™
RESTORE™
The Right Balance

A well-designed healthcare space can enhance stakeholder experiences through thoughtful consideration of comfort, wellness, and safety. To help you design impactful spaces that improve patient experience and quality of care, we developed Rejuvenations™ Restore™.

Rejuvenations Restore addresses comfort and sound – both primary concerns of patients and caregivers. It’s a no-polish, low-maintenance solution that provides the right balance of performance and comfort under foot. And, with Diamond 10™ Technology coating, floors look newer, longer with category leading scratch, stain, and scuff resistance.

Supporting Those Who Support Others

Caregivers spend hours on their feet, often putting the needs of others above their own. Restore is constructed with a comfort base layer to help reduce foot and leg fatigue and joint impact with every step, so focus remains on the patient, and not on aching feet.
Set the Tone for Healing

A calm, quiet environment is critical to the healing process. Restore™ can help control sound transmission and surface-generated noise to maintain privacy and create a soothing space.

<table>
<thead>
<tr>
<th>Standard</th>
<th>Rejuvenations™ Restore™</th>
<th>2 mm Rubber</th>
<th>3 mm Rubber</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASTM E492</td>
<td>Impact Insulation Class</td>
<td>IIC – 50 (6” concrete - no ceiling)</td>
<td>–</td>
</tr>
<tr>
<td>ASTM E2179</td>
<td>Sound Transmission Reduction</td>
<td>Delta IIC (ΔIIC) – 21</td>
<td>ΔIIC – 11</td>
</tr>
<tr>
<td>ASTM E3133</td>
<td>Radiated Impact Sound</td>
<td>LWA 86 (6” concrete - no ceiling)</td>
<td>–</td>
</tr>
<tr>
<td>ISO 10140-3</td>
<td>Impact Sound Insulation</td>
<td>Delta LW (ΔLW) – 17dB</td>
<td>ΔLW – 8dB</td>
</tr>
<tr>
<td>ASTM E90</td>
<td>Sound Transmission Class</td>
<td>STC – 53 (6” concrete - no ceiling)</td>
<td>–</td>
</tr>
</tbody>
</table>
Design Backed by Science

We partnered with the Bioengineering Department at the University of Pittsburgh to understand the influence of flooring on fatigue and comfort when walking for long periods of time. The goal was to simulate the effects of the long hours healthcare providers spend on their feet.

The research lab measured muscle fatigue using electromyography (EMG), captured ground reaction forces (GRF) with force plates beneath the flooring, and administered questionnaires to gauge discomfort, fatigue, and flooring preference.

Here’s what we learned when we compared Restore™ to 2 mm vinyl sheet and 2 mm rubber flooring.

Rejuvenations™ Restore™
✓ Eases discomfort of joints and muscles
✓ Lessens potential for fatigue
✓ Reduces overall tiredness and discomfort in feet
Participants experienced less overall tiredness, leg tiredness, knee, and feet discomfort while walking on Restore™.

Participants reported significantly lower cumulative discomfort in their feet while walking on Restore™.

There’s greater potential for fatigue in major leg muscles while walking on rubber compared to Restore™.

Muscle fatigue is indicated by using root mean-square of the EMG amplitude measured over a contraction period, and it was found to be higher. A higher value indicates potential for muscle fatigue.
Ease Discomfort of Joints and Muscles

Restore™ reduced peak Ground Reaction Force during the loading phase by an average of 4% of body weight compared to 2 mm vinyl sheet and rubber flooring.

For a 150-pound person, that’s a reduction of 6 pounds per step. Ultimately, this helps ease discomfort of joints and muscles.
LIMITED WARRANTY

10 YEAR

Commercial Warranty when installed in accordance with the recommended Armstrong® Flooring adhesive and detailed instructions at ArmstrongFlooring.com.

+10 ADDITIONAL YEARS

of overall warranty coverage by using any Strong System™ subfloor preparation product.

Source: