

Interface®

A sound decision with Interface LVT

When you choose Interface's Luxury Vinyl Tile (LVT), it comes with Sound Choice™ backing. You will get best-in-class performance for reduced impact sound and floor-to-floor sound transmission. We've got the Quiet Mark™ certification to prove it.

Associated with the U.K. Noise Abatement Society, Quiet Mark™ is the international award program for excellence in low-noise technology and solutions to unwanted noise. Interface is the first flooring manufacturer to receive this certification.



How we can help?

The World Health Organisation states that noise is the second biggest environmental issue after air pollution. Exposure to unwanted sound is detrimental to our productivity, learning, health and recovery, mental and physical well-being.

Through our products, we are committed to creating **+Positive spaces™**. So we have

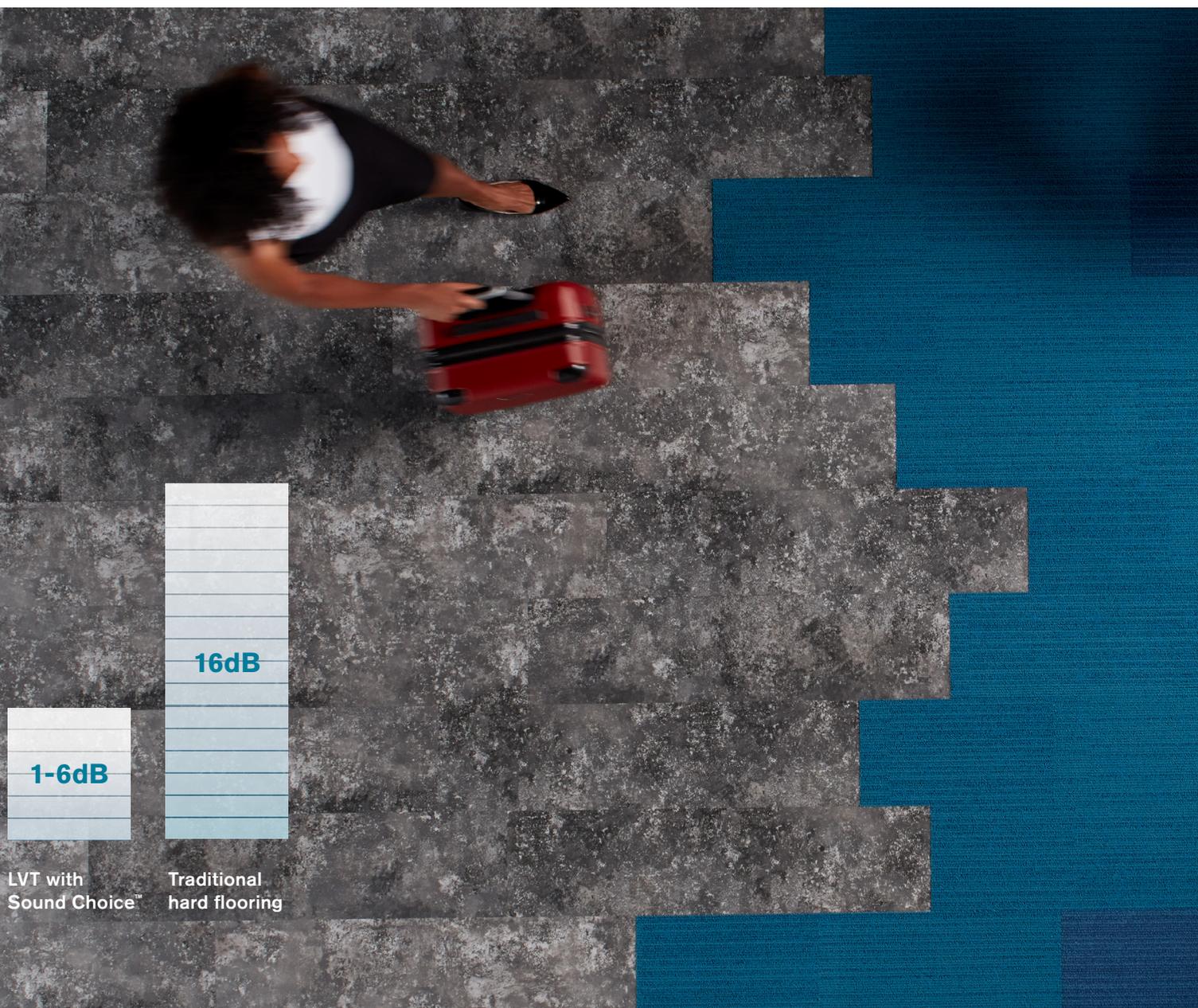
engineered our LVT with Sound Choice™ backing to provide superior sound reducing qualities with enhanced cushioning and exceptional dimensional stability. Interface Sound Choice™ backing is a standard component of our LVT products, allowing for improved acoustic additions without the addition of costly underlayment.



Impact sound improvement and reducing sound transmission

Interface's LVT can help improve productivity through its sound reducing qualities. Interface LVT significantly outperforms other standard hard surface flooring options such as vinyl composition tile (VCT) and polished concrete, particularly through its ability to reduce impact sounds, such as loud footsteps, sliding chairs or dropped objects. Impact sounds can cause floor-to-floor disturbances, and can be particularly problematic in multi-story office, education, healthcare, specified residential and hospitality environments.

In laboratory tests, our LVT with Sound Choice™ backing offered a 16dB sound reduction as compared to traditional hard surfaces such as concrete and timber floors that only reduced it by 1-6 dB. Ten decibels may not seem like much, but it is a doubling of sound intensity. Interface LVT with Sound Choice™ reduces impact sound within a room by more than half.



What is impact noise?

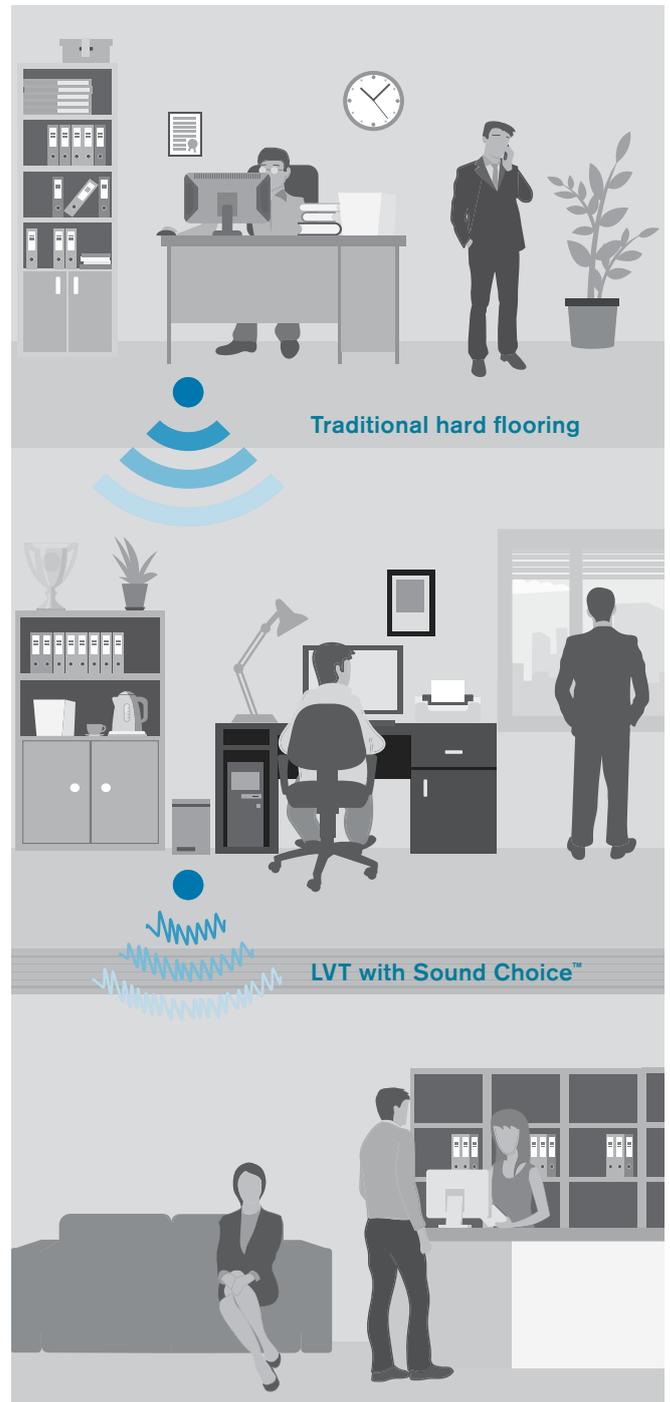
It is the noise in a room caused by an impact or collision with the perimeter walls or floor of an adjacent room. The Building Code of Australia (BCA) measures the Impact Sound Transmission (Structure Borne Sound). This occurs on the floor or common walls of adjoining tenancies. Typical sources of impact are footsteps on the floor above the space and the slamming of doors on cupboards mounted on the common wall between tenancies. The transmission through walls, floors, and other barriers is much greater for low frequency sounds than for high frequency sounds.

$L_{n,w}$ is a measure of the noise impact performance of a floor. It is measured in very controlled conditions in a laboratory and is characterised by how much sound reaches the receiving room from a standard tapping machine.

Tests for impact sound transmission

AS ISO140.6-2006 Impact sound insulation

AS ISO 717-2-2004 Rating of sound insulation in buildings and of building elements, Part 2 – Impact sound insulation



Interface test results as determined under AS ISO 717.2-2004, show that Interface LVT with Sound Choice backing passes the requirement for noise transfer requirements under the National Construction Code (NCC).

Contact your local Interface Account Manager for a copy of the relevant test certificate for your selected product.