



# **hush.**

Felt

## Panel Specifications

*Quiet by design*

# Hush Acoustic Panels

Noise is unwanted sound; considered to be unpleasant, loud or disruptive. Acoustics is the science of sound and it is here that Hush succeeds in providing acoustically pleasant environments using new generation acoustic materials and cutting edge technology.

Hush is about providing pleasant learning, working, and living spaces by overcoming the negative health effects of noise and adding design rich solutions. Hush operates in a new era, developing acoustic solutions by using life cycle products, which can be used again and again. We firmly believe P.E.T.-Technology is one of the answers to ecological sustainability and environmental quality products for contemporary interior design.

## P.E.T. Acoustic Felt

P.E.T. (v) is a form of polyester, it is an energy-efficient material that enjoys a very favorable sustainability profile in comparison to other design favored products including some recyclable materials such as aluminum and glass. In the 60 years since P.E.T. was first synthesized. It has become one of the world's most widely used, versatile and trusted materials.

The high strength of P.E.T. in comparison to its light weight is a major key to its energy-efficient. Ongoing advances in light-weight technology continue to improve its energy efficiency even further. Life cycle of studies of PET have consistently confirmed the environmental benefits of PET. Hush panels are made from 100% P.E.T. fiber of which +/- 60% is derived from recycled plastic water bottles. The production of Hush is very gassing or VOC's, and no waste water. The manufacture of P.E.T. panels does not require the use of any adhesives.

## Moisture-Resistant

Polyethylene terephthalate (P.E.T.) is very resistant to moisture, thus making it the only suitable acoustic option for high moisture environments such as swimming pools. P.E.T. can be submerged in water for its lifetime without breaking down or changing properties.



### Noise Reduction

Noise reduction coefficient - NRC 0.85



### Zero Formaldehyde Emission

Test Method GB 18580-2001 section 6.2



### Composition

100% Polyester (min 60% (+/-) recycled P.E.T. fiber



### Environment

Made with recycled polyester fiber, 50% +/- of which comes from recycled plastic bottles which contributes to LEED MR credit of Recycled content



### Fire Retardant

Class 'A' Interior Wall / Ceiling Finish Category CAN/ULC-S102-10, ASTM E84-2013

## High Impact Resistance

P.E.T. Acoustic panels are composed of tightly woven P.E.T. fibers that are heat compressed to form a solid core with a smooth exterior making PET shatterproof, so it won't break or fracture when under impact. The extremely high strength-to-weight ratio makes it a great replacement for other hard surfaced acoustics that typically are very heavy.

## Made in North America

As a responsible manufacturer we take great care in designing and developing products that will work well for you, and not only look great but work and function with you in mind. Our extensive in-house capability allows us to quickly adapt to the ever changing demands of the market while reducing your lead times and maintaining full quality control.

By purchasing Hush products, you help strengthen the economy, create jobs, and support families.