



QuietPrint™



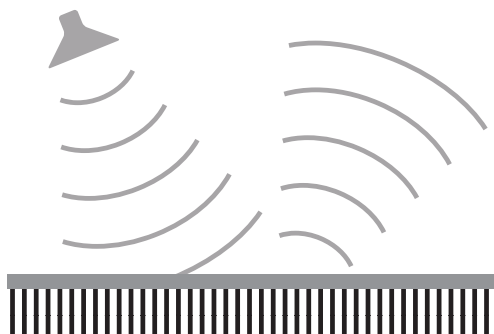
Acoufelt™ is committed to removing compromises in the design process. This has driven our approach to QuietPrint™, eliminating the compromise between acoustics and aesthetics. Soft, noise absorbing materials can now be printed to appear as fashionable hard surfaces - such as wood, brick or cement – without the associated reverberation issues and high cost of materials and installation. Customers can also choose from the unique, hand-selected contemporary artworks in our Acoustic Art range. Additionally, through QuietPrint™ Custom, designers are able to provide their own high resolution images and vector files for print on acoustic material.



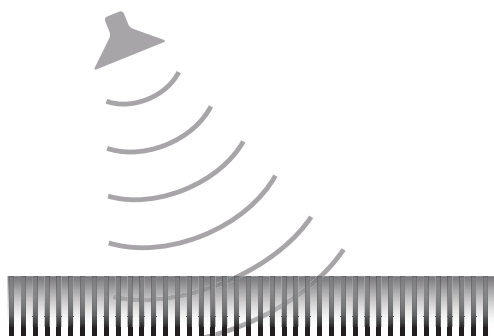


When printing on acoustic material, there is often a trade-off between acoustic performance and printing resolution. Many high-resolution printing techniques involve laying down a hard-setting paint or ink over the top of the base surface. This can result in a filling of the air gaps in the porous surface of an acoustic material. If the sound cannot penetrate the surface of the material, it cannot be absorbed. Other printing techniques allow the colour to “run” in the material, like a drop of ink on a blotting sheet. This can result in poor resolution printing as the fine edge of images blur.

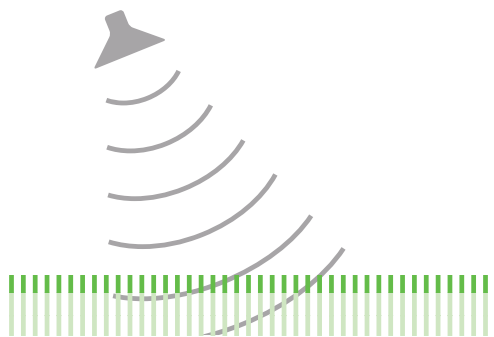
QuietPrint™ applies print technology that colours the fibre with high precision, whilst ensuring air-gaps in the porous material remain open to absorbing noise. The net result is a printing technique that is high resolution, that has no significant impact on the acoustic performance of the base material.



Some printing techniques create an impenetrable layer that **REFLECTS** sound



Some printing techniques allow the ink to 'run' into the material, resulting in a **POOR RESOLUTION** image



Acoufelt QuietPrint™ colours the fibres with high precision, whilst ensuring air gaps remain open, **ABSORBING** sound and creating a **HIGH RESOLUTION** image





Printing method has no substantial impact on acoustic performance



Superior breathability



Excellent resistance to fire



Super fine fibres to achieve a smooth surface appearance



Thermal efficiency



Anti-static treated – reducing dust cling



Certified low VOC



10 year lightfastness warranty



3M Scotchgard protection



Highly customisable

For more information visit:
acoufelt.com/quietprint



Acoufelt is all about Making Quiet™ for working, learning and living spaces. World class thought leadership drives the Acoufelt Acoustic FWC™ Philosophy of delivering acoustic materials suitable for all three surfaces; Floor, Wall and Ceiling. Our industry specific innovative solutions eliminate compromise, allowing you to design for the ears as well as the eyes.

acoufelt.com