John Moffat Prolock (Pty) Ltd

SABS ISO 9001

SOUNDPROOFING AND ACOUSTIC TREATMENT

At JMP we have a variety of acoustic treatment products, including acoustical absorbers, diffusors, sound barriers as well as construction materials and composite insulation foams.

We are here to assist our clients in finding the most ideal acoustic solution regardless of the requirement. From conception to implementation and finally, completion, JMP will create various design solutions and manage the process all the way through.

P O Box 3586, Johannesburg 2000 • 16 Kindon Road, Robertsham
• Tel (011) 433-1870 • Fax (011) 433-1453 • sales@jmp.co.za
• www.jmp.co.za

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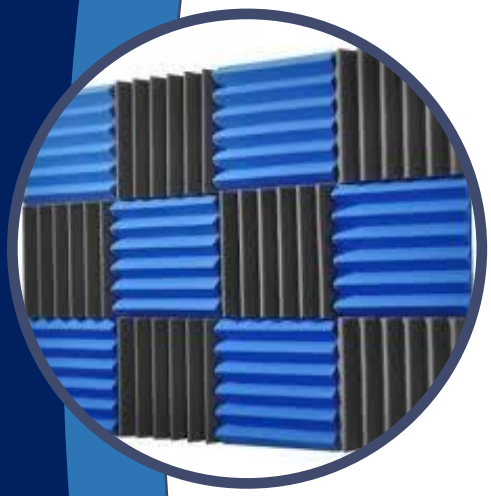

ACOUSTIC PROFILES

All our JMP Acoustic profiles are designed to attenuate airborne sound waves by increasing air resistance, thus reducing the amplitude of the waves. The energy is dissipated as heat. The sound waves are forced to travel through multiple foam cells, air pockets and their cell walls as sound travels through the foam. The profiles of our foam dramatically increases the available surface area for absorption over a flat area of the same dimensions. The profiles also serve to diffuse sound energy, regardless of the angle of the sound wave striking the surface.

OFFICE PARTITIONING

At JMP we don't only offer acoustic treatment for leisure and industrial use, but also for increasing performance in any business. We understand that the correct working environment will increase productivity.

JMP Office partitioning is designed to offer the perfect noise solution through its diffusion, absorption and isolation. All our office partitioning can be finished with a range of fabrics of your choice and will be custom made to your specification.

ACOUSTIC WALL PANELS

The purpose of the fabric cover is to give the panels an acoustically pleasing and decorative appearance. To ensure that sound penetrates through to the fiberglass or open cell foam insulation (rather than reflecting off the surface), our fabric is acoustically transparent.

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SUSPENDED CEILING TILES

Acoustic balance and control is the objective of dropped ceilings. A noisy room can distract occupants, while a too quiet interior may seem dull and uninviting.

The acoustic performance of suspended ceilings have improved dramatically over the years, with enhanced sound absorption and attenuation. This is sometimes achieved by adding insulation known as Sound Attenuation Batts, more commonly referred to as "sound batts", above the panels to help deaden sounds and keep adjacent rooms quieter.

ROCKWOOL WALL AND CEILING INSULATION

Mineral Fiber Insulation offers superior acoustic performance due to its high density, it also has superior thermal performance properties. Since Mineral Fiber has a nominal density of 80kg / m3, it is preferred for use in wall, floor and ceiling construction by reducing sound transmission when compared to fiberglass insulation. Mineral Fiber is most effective when used in combination with Acoustic Barrier Sheeting for wall, ceiling and floor insulation.

GENERATOR ACOUSTIC INSULATION

When sound waves are produced they are naturally reflected when they hit a hard surface. Installing an absorption surface over hard surfaces in most generators can reduce some of the reflected sound.

The vast majority of sound absorption composites are comprised of porous materials of varying density which convert sound energy into heat within the open pores of the material.