

metecno**barrier**[®]

Noise Barrier System



QLD Department of
Transport and Main Roads
Standard MRTS15 Approved

meTECNO[®]

A New Standard in Insulated Board Systems

metecno**barrier**[®]

PIR

Noise Barrier System



Commercial



Industrial



Infrastructure

Introduction

MetecnoBarrier[®] is an impact resistant acoustic sound barrier system developed for the demanding environments of commercial, industrial and infrastructure projects. MetecnoBarrier[®] panels are much lighter than conventional precast concrete systems, allowing them to be used in situations with tight access and a need for a light weight solution. MetecnoBarrier[®] is flexible in its manufacture and offers broad design scope, and can be used in conjunction with other building materials.

Savings

MetecnoBarrier[®] panels have a density of 27.5kg per square metre, and span up to 3.7 metres, making them much lighter than conventional precast concrete systems. Because of its light weight but robust construction, MetecnoBarrier[®] is extremely easy and fast to install, allowing projects to be completed faster than traditional concrete systems. MetecnoBarrier[®] can be supplied in its raw unpainted finish, but addition on-site savings can be made where MetecnoBarrier[®] can be pre-primed, as well as have finished paint coatings applied in factory.

Acoustics & Fire Performance

MetecnoBarrier[®] has been developed specifically for the demanding environments of road and rail infrastructure projects. MetecnoBarrier[®] offers superior acoustic performance shielding home and business owners and occupiers from frustrating road and rail noise. MetecnoBarrier[®]'s unique male/female jointing system eliminates the need for separate H-Moulds to connect the panels, creating a better acoustic solution, not allowing noise to pass straight through the panel joints.

With a Polyisocyanurate (PIR) core, MetecnoBarrier[®] offers superior fire performance over other composite systems. PIR is extremely fire resistant and absorbs little if any moisture when exposed to rain.

Applications

- Road Networks
- Industrial Developments
- Manufacturing Facilities
- Mining
- Rail Infrastructure
- Retail Complexes
- Distribution Centres
- Residential Development Boundaries

Australian Made

MetecnoBarrier[®] panels are manufactured in Australia by MetecnoPIR. MetecnoBarrier[®] is approved by the Queensland Department of Transport & Main Roads (TMR) to their MRTS15 Standard.



MetecnoBarrier[®] Horizontal Panel Joint Detail

