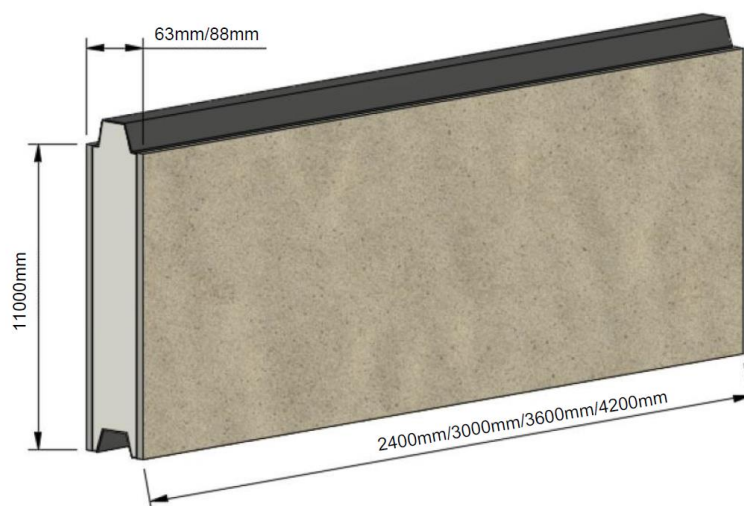


MetecnoBarrier™ Data Sheet

Material Composition

MetecnoBarrier™ Panels are a composite sandwich panel. They comprise of 4.5mm Cementitious skins laminated to either side of a steel skinned PIR Fire Rated core. The outer skins are coated in a durable waterproof membrane texture coating.



MetecnoBarrier™ Panels meet or exceed all Main Road & Rail requirements relating to:

- | | | | |
|-----------------------|---------------|--------------------------|----------------------------|
| * Impact Resistance | * Fire Rating | * Noise Attenuation | * Durability & Design Life |
| * Design & Aesthetics | * Economy | * Safety & Environmental | * Minimal Maintenance |

Approvals & Specifications

TMR Transport & Main Roads	MRTS-15
Queensland Rail (QR)	Civil-SR-014
Transport for NSW	R271 Design & Construction of Noise Walls

Acoustic Attenuation

63mm Panel – 27kgs m ²
88mm Panel – 28kgs m ²

Panel Sizes & Weights

1100mm x 2400mm x 63mm	72 kgs
1100mm x 3000mm x 63mm	90 kgs
1100mm x 3600mm x 63mm	107 kgs
1100mm x 4200mm x 88mm	130 kgs

Features & Benefits

- **Lightweight**, making panels ideal bridges & overpasses and difficult to access sites.
- **Superior Fire Rated core**, won't melt or dissolve in petroleum like EPS core panels.
- Can be **Pre-Painted**, perfect for projects with accessibility issues or safety concerns such as live overhead Train lines.
- **Good for the environment**, less labor required on site, less trucks on the road resulting in reduced carbon emissions.
- **Safety benefits** due to not requiring heavy crane and equipment.
- **ISO9001** Factory controlled, **quality manufacture** (and pre-painting, if opted for)
- **Strong Profiled male/female jointing** system to ensure there are **no fire breaks or acoustic gaps**.