

**M | I | B | T**

Why should I build with Mibt

MODULAR  
INNOVATIVE  
BUILDING  
TECHNOLOGIES

## The driving considerations for developers, financiers and homeowners

1. Affordable quality on time - eliminates above ground wet works on site
2. 4 critical aspects of building the world over, are met
  - a. load bearing capacity
  - b. acoustic attenuation
  - c. fire rating
  - d. thermal transmission
3. Demonstrated applications of Mi Panel
  - a. Residential
  - b. Commercial
  - c. Industrial
  - d. Private and State structures
4. Versatility of application
5. Lightweight, rapid construction
6. Earthquake and cyclonic resistant
7. Termite, pest and rot resistant
8. Low embodied energy compared to brick and mortar
9. Little training and experience needed to work with and assemble material

## Why would a developer use Mi Panel

- Mi Panel 75 mm panel is only 54 kg's per m<sup>2</sup> and 50 mm panel is only 38 kg's per m<sup>2</sup>.
- Reduced weight on multi level building envelope implies lower costs on structure.
- 3 times faster construction times than conventional construction
- Quicker turnaround on units
- Reduced finance charges
- Reduced material deliveries to site
- Feels and sounds very close to brick and mortar plastered
- Manageable options on material pilferage
- Greater compliance with SANS 10 400 XA
- Attracts tenants that are geared towards meeting triple bottom line objectives and CSI considerations
- Mi Panel is cheaper than conventional construction

## Mi Panel as an Alternative to Dry Walling

- 50 mm has a one hour fire rating, 34 Db acoustic attenuation, 38 kg's a m<sup>2</sup>
- 75 mm panel has a 2 hour rating and a 39 Db acoustic attenuation, 54 kg's m<sup>2</sup>
- An average of 12 minutes to install 1,8 m<sup>2</sup> of Mi Panel
- No Rhino lighting, no plastering, Mi panel is ready to be painted over or wallpapered
- Feels solid like a brick wall
- Little skilled labour required to install Mi Panel
- Cheaper than conventional dry-walling
- Can be installed to be removed and replaced at a later stage
- Only materials required fro installation are Mi Panel, lip channel, glue, tying rods, and head spacers
- Takes any kind of decorative treatment
- Your clients will love it
- Your staff will love the ease of use

## Why would I use Mi Panel for Renovations, Extensions and Additions?

- I don't want to incur substantial costs and inconvenience
- I don't want wet trades to impact upon my home and garden
- I want a fast, effective and quality finish to my home
- I want a product that blends well with my brick and mortar house
- I want to be able to do it myself with minimal training
- I want a product that the banks will finance and insurance will cover
- I want a beautiful product that meets my expectations, that is easy to use, that won't disrupt my family life and will provide me with peace of security knowing that my family is safe

## Why would Government build Schools and Clinics with Mi Panel?

- Proven technology for over 40 years the world over
- Highest technical certifications from Agreement
- Exceeds all local requirements in terms of Strength, Fire, Acoustics and Thermals
- Faster form of construction than conventional technology
- Greener construction material
- Cheaper than brick and mortar
- The solution to rural development issues
- Can use local labour content, easily transferrable skills with minimal training
- High end user acceptance

## Why would I build my house with Mi Panel?

- Demonstrable technology the world over for 40 years
- Meets highest technical accreditations in South Africa
- Banks will finance the house and insurance will cover it
- Predictable costing that wont result win budget overruns
- Far cheaper method of construction that truly embraces green building
- Limitless design options and freedom of choice