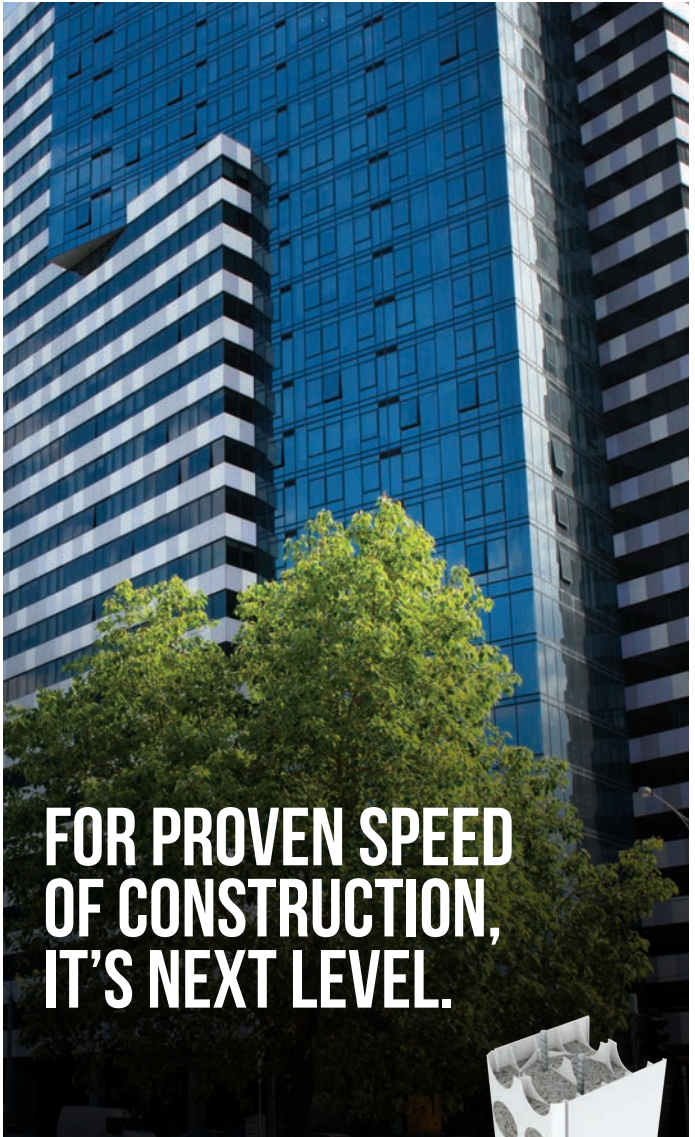




**DINCEL**  
STRUCTURAL WALLING



**FOR PROVEN SPEED  
OF CONSTRUCTION,  
IT'S NEXT LEVEL.**



**PERMANENT POLYMER FORMWORK FOR COMMERCIAL,  
RESIDENTIAL, INDUSTRIAL AND CIVIL APPLICATIONS**

# WHAT ARE DINCEL STRUCTURAL WALLS?

Dintel Structural Walls are a permanent polymer formwork system that uniquely snaps into position to quickly build all types of structural walling. When filled with ready mixed concrete this provides a waterproof, strong and durable protective barrier.

- ✓ **Compliance tested by CSIRO and Fire Engineering, and satisfied:**
  - Non-combustible
  - Fire rated: 90 – 240 mins
  - Acoustic tested
  - Waterproof (including water tanks)
- ✓ **Suitable for a large range of finishes including cladding and renders**
- ✓ **Maximum cost efficiency both in walls and slabs**
- ✓ **Maximum recyclability, embodied energy saving**
- ✓ **Longer building life and better air quality**
- ✓ **Less steel and concrete**



**110MM**

Up to 12 storeys



**155MM**

Up to 22 storeys



**200MM**

Up to 40 storeys



**275MM**

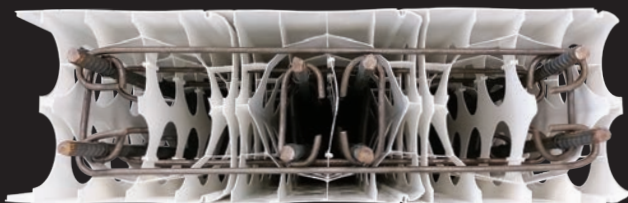
Up to 60 storeys

# A NEW ERA IN SPEED AND WATERPROOFING FOR SKYSCRAPERS

## Introducing the 275mm profile

Being a maintenance-free, waterproof and airtight construction solution, the benefits of using Dintel for load bearing walls, deep beams, lifts, stairwells and basements in skyscrapers is clear.

- ✓ **Cost effective alternative to:**
  - Jump form systems for lift and stair shafts
  - Waterproof basements and tanks
  - Columns
- ✓ **Lower construction costs**
- ✓ **Maximum strength, SAFETY and simplicity**
- ✓ **Up to 50% faster construction**



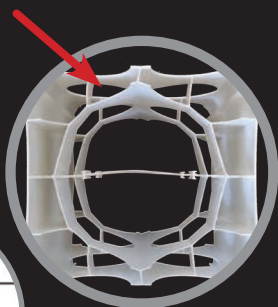
275mm Dintel Column/Wall

With tighter legislation around OH&S requirements, Dintel Walls provide a safer alternative for construction.



# WHAT MAKES THE 275MM WATERPROOF?

- ✓ Patented innovative ring form allows minimum 180mm concrete slump in single pour up to 4.5 metres



180mm minimum concrete slurry

Patented Dintel barbs and cement slurry ensures that snap joint is waterproof



- ✓ 180mm concrete slump is essential to:
  - Improve concrete flow and compaction
  - Eliminate the possibility of air voids
  - Satisfy concerning engineers
- ✓ No additional waterproofing membrane required (except at the wall/footing junction)

Dintel Panel Joints are waterproof as confirmed by CSIRO tests and under 6m of water head pressure at the panel joints.





**DINCEL**  
STRUCTURAL WALLING



**AUSTRALIA**  
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