

# **THE CONCRETE WALL** with Benefits

#### **Australia's Own Dincel Structural Walling**

- Lightweight 'snap-lock' panels do not rely on the use of cranes, improve site safety and reduce potential accidents.
- Reduced risk of concrete cancer. Waterproof\* stay-in-place protective skin protects the concrete and steel within from the environment.
- Fire safe polymer does not spread fire. Compliant with the NCC (National Construction Code) and backed by CodeMark and BRAC certification.
- Withstands the pressures of using Self-Compacting Concrete (SCC), ensuring no air-voids within fully concrete filled walls.
- Super durable, heavy metal and stabiliser free, non-toxic and recyclable polymer shell enhances flexural and compressive strength of concrete infill.
- Offers greater design flexibility, and is maintenance free
- Quicker project turnaround, reducing build costs
- A range of modern finishing options available natural paint, render or clad.
- Readily available stock and custom length supply



### THE SMARTER, FASTER **ALTERNATIVE TO BLOCKWORK**

#### A Waterproof\*, Protective Skin Is What Makes Dincel Formwork Different.

Reduced Labour & Up to 5 Times Faster Install NCC Compliant Polymer No Wet Trades Minimal Excavation & Back-Filling Waterproofing To Junctions Only Less Risk Of Concrete Cancer & Air-Voids No Scaffolding \* As tested by CSIRO

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THE CONCRETE WALL WITH BENEFITS



## Dincel, Conventional & Blockwork Basement Wall Installation Cost Comparison (Less Than 3m High)

	Craneage	Scaffold	Over Excavation	Reinforcement	Concrete Core Fill	Vertical Joints	Waterproof Wall Face <sup>1</sup>	Backfill & Compaction		Scope	Additional Works	Cost Comparison <sup>3</sup>	Installation Program
Lightweight Components	No	Yes For Concrete Pour	No (Access to internal face only)	Vertical only <sup>2</sup> (Same Trade)	Yes (Same Trade)	No	No	Minor Works	SUMMARY	Build     Reinforce     Concrete Place	• Wall brace stripping	100%	2 men <b>1-2 days total⁴</b>
Lightweight Components	Usually Yes	Yes (Single Side) For Installation & Concrete Pour	Yes (Formwork shutter to both faces)	Vertical & Horizontal (Seperate Trade)	Yes (Seperate Trade)	Yes	Yes	Major Works		<ul> <li>Formwork</li> <li>Build</li> <li>Strip</li> </ul>	<ul> <li>Overexcavate</li> <li>Reinforcing fix between shutters</li> <li>Concrete pour and cure before stripping</li> <li>Vertical construction joints</li> <li>Waterproofing</li> </ul>	150%	6 men <b>10 days total</b>
Heavyweight Components	No	Yes (Single Side) For Installation & Concrete Pour	Yes (Access to both faces)	Vertical & Horizontal (Same Trade)	Yes (Seperate Trade)	Yes	Yes	Major Works		Block Laying     Reinforce	<ul> <li>Overexcavate</li> <li>Block curing (height limitations)</li> <li>Wall cleanout &amp; assoc. formwork <ul> <li>Concrete pour &amp; cure</li> <li>Wall brace stripping</li> <li>Vertical construction joints</li> </ul> </li> </ul>	130%	3 men <b>5 days total</b>

<sup>1</sup> To approved customers. <sup>2</sup> To be approved by Project Design Engineer. <sup>3</sup> Calculated based on pricing as at February 2022. <sup>4</sup> Based on 100m<sup>2</sup> of wall.



