

# DYNAMax

The Ultimate Performance Concrete

## Welcome to DYNAMax, high-strength concrete with a difference.

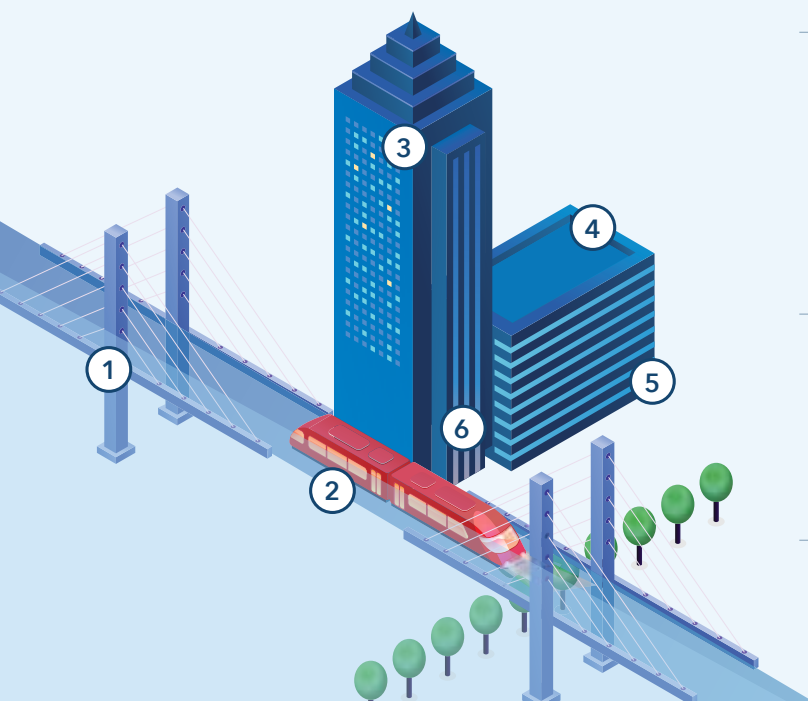
DYNAMax is a 60-100+MPa high-strength concrete that combines traditional strength, performance and quality properties with technical, innovation and service solutions to help you dematerialise your project.

### Applications:

- Self compacting
- Piling
- Precast
- Post tension
- Core and columns
- Foundations
- Larger spans

### Performance characteristics:

- Superior rigidity - 40+ GPa
- Outstanding durability - Max 750 Coulombs
- Low shrinkage - Nominal 500 microstrains
- Super workable
- Pumpability



#### 1 Exposed components

The dense pore structure ensures extremely resistant surfaces, increases service life and reduces maintenance costs of the load bearing structure.

#### 2 Large spans

High compressive strength and rigidity enable slender concrete construction with wide spans.

#### 3 Columns and beams

Smaller cross-sections require less valuable space, thus increasing the usable area.

#### 4 Slabs

Reduced thickness allowing the separation of the supporting structure and building utilities, thus speeding up the construction process and facilitating later adjustments.

#### 5 Carparks

Slim supporting structures simplify traffic routing, increase the number of parking bays and create more room height.

#### 6 Stairwells & elevator shafts

Reduced wall thickness increases the usable area.



### Dematerialise your project

- Reduce resource consumption
- More efficient structures and forms
- Contribute to the circular economy
- Recyclability and reuse



### A unique service solution

- Innovative pumping tool with SMARTFLOW
- Maturity testing with SMARTCAST
- Thermal modelling with THERMAL
- Delivery reliability
- Environmental Product Declarations on demand



Australia 108, DYNAMax in action

**Get more, with less. Let's talk about how DYNAMax can help you.  
Talk to our specification team today. [holcim.com.au/dynamax](https://holcim.com.au/dynamax)**

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