

DYNAMax

The Ultimate Performance Concrete

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

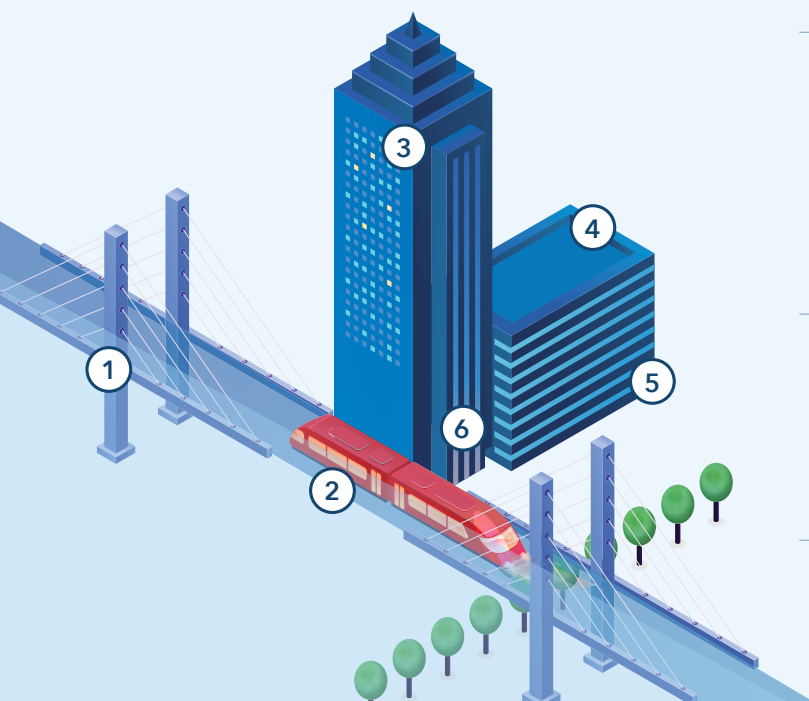
DYNAMax is a 60-100+MPa high-strength concrete that combines traditional strength, performance and quality properties with technical, innovation and service solutions to help you dematerialise your project.

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.

4 Slabs

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

2 Large spans

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

5 Carparks

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

3 Columns and beams

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

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
- Carbon offsets
- 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

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