



PRODUCT INFORMATION SWAN GENERAL PURPOSE CONCRETE MIX

Product Description

Swan General Purpose Concrete is a well proportioned mix of Swan GP Cement, Sand and 10-12mm aggregate. This 25 MPa concrete mix is the commonly adopted mixture for use in reinforced concrete beams, floor slabs, driveways and footpaths. It is ready to use straight from the bag, you just blend in the correct amount of water.

Application

Swan General Purpose Concrete is ideal for use in reinforced concrete beams, floor slabs, driveways, footpaths, light foundations & lintels. Mowing strips & garden borders, fence post or pergola post footings.

Specification

Swan General Purpose concrete is correctly proportioned to exceed the specified compressive strength of 17.5 MPa at 7 days and 25 MPa at 28 days when mixed to a slump not exceeding 95mm, cured and tested in accordance with the requirements of AS3648.

Swan General Purpose Concrete is pre-packed into easy to handle 20kg and 30kg paper sacks.

Limitations

Do not use in applications requiring high strength concrete.

Do not use where high durability concrete is required.

Do not use with other binding agents or admixtures.

Over-watering this product will drastically reduce the potential compressive strength & durability.

Suggested Water Addition and Yield

Bag Size	Max Water	Yield/Bag	Bags per m ³
20kg	2.0 Litres	9 Litres	110 per m ³
30kg	3.0 Litres	14 Litres	70 per m ³

Typical Properties

Approximate Mix Composition (parts by Volume)		
Cement Binder	:	1
Sand	:	2
10mm Aggregate	:	4
Compacted Density (cast)	:	2,250 – 2,350 kg/m ³
Powder Density	:	1,500 – 1,700 kg/m ³
Slump (AS1012.3.1)	:	85mm
Compressive Strength (AS1012.9)		
Minimum @ 7 Day	:	17.5 MPa
Maximum @ 28 Day	:	25 MPa



Safety Information

For safety information refer to the Material Safety Data Sheet for Swan Pre-Packed Products.

Swan Cement™

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