



FLOATCEM 20

PRODUCT DESCRIPTION

Swan Cement produces Floatcem 20 Cement specifically designed for producing high quality internal base coat renders over clay bricks. Floatcem 20 Cement is a Masonry Binary Cement M4, conforming to Australian Standard AS 1316.

Floatcem 20 Cement is manufactured to exacting standards at our Kwinana Works in Kwinana, Western Australia, for use in the construction and building industry and in domestic applications.

SUPPLY

Floatcem 20 is available in 12kg bags from retail outlets throughout WA and select regional distribution depots.

SPECIFICATION

Combine Floatcem 20 Cement with a good plastering sand and add enough water to produce a consistent render.

Floatcem Cement 20 exceeds the minimum specification for Masonry Binary Cement M4 given in AS 1316 and when mixed with the appropriate sand, is capable of producing mortar type M4 as defined in AS 3700.

Floatcem 20 Cement is manufactured under a third-party certified manufacturing and supply quality assurance system to ISO 9001 (BSI Certification No FS 604665).

Floatcem 20 Cement is produced from Portland cement clinker, hydrated lime, and gypsum.

APPLICATIONS

When applied in accordance with good plastering practices, renders containing Floatcem 20 Cement are easy to rule off and have the suction correctly balanced for bonding with the substrate while providing a uniform surface for the setting coat.

Floatcem 20 Cement is ideal for M4 external, internal, and below ground mortars.

Floatcem 20 Cement can also be used for glass faced cement renders (cement dado) and internal or external sand-finished work.

HANDLING AND STORAGE

Manual handling of bag products without due care and attention may result in personal injury. Unless you have been trained in manual handling methods it is suggested that you share the load with another person.

Floatcem 20 Cement can be kept for up to six months provided it is stored in a place, off the ground, protected from ingress of moisture. Ingress of moisture can occur due to rain, liquid spillage (on or around the product) or a

high humidity climate. Such exposure will degrade the performance of the product.

RENDER GUIDE

Use	Mix ratio (volume)	
	Cement	Sand
INTERNAL WALLS		
Floating	1	5
Sand finish	1	5
Cement Dado base coat	1	3
Cement Dado top coat	1	1
EXTERNAL WALL		
Sand finish/bagwash	1	4

MORTAR GUIDE

Mix	Mix ratio (volume)	
M4	<p>Walls up to 1 km from a surf coastline or up to 100 m from a non-surf coastline, e.g. estuary and coastal river zones.</p> <p>Walls in contact with saline water or the ground in aggressive soils.</p> <p>Internal walls subject to saline wetting and drying.</p>	
Mix design – parts by volume		
Mix	Cement	Brickies sand
M4	1	3

* Any admixtures used should be in accordance with the manufacturers instructions.

** Floatcem 20 Cement contains an air-entraining agent, additional air entrainment is not required.

*** Please refer to AS 3700 – Masonry Structures for detailed information.

SAFETY INFORMATION

For safety information refer to the Safety Data Sheet for Floatcem 20 Cement.

TYPICAL PROPERTIES

Physical Properties

Test	Typical Values
Setting Time (hr: min) AS 2350.4	
Initial	1:40
Final	2:45
Water Retention (%) AS 2350.17	
	75
Air content (%) AS 2350.16	
	15.0
Compressive Strength ISO-CEN mortar bars (MPa) AS 2350.11	
7 Day	15 - 39
28 Day	20 - 46

**Chemical Properties**

Test	Units	Typical Values
Sulphur Trioxide	%	2.7
Loss on Ignition	%	4.0 – 8.0
Chloride	%	0.01
Equivalent Alkalis	%	0.6
Hexavalent Chromium	mg/kg	Trace
Crystalline Silica	%	Trace
Components		
Portland Clinker	%	70 – 80
Gypsum	%	5 - 7
Hydrated Lime	%	20 – 30

CONTACT POINTS

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