

Portland Cement

Strength class	32,5R
Category	General purpose cement



A cement with a wide range of applications, from low strength concrete structures to high strength concrete structures. Its good strength performance makes it suitable for both general purpose and structural concrete applications (columns, beams, slabs, foundation footings, concrete walls, lintels etc)

Main characteristics	<ul style="list-style-type: none"> Formulated from cement clinker and interground with other constituents (limestone, calcined brick and gypsum) Suitable for a wide range of general purpose applications Complies with ZWS EN 197:2000 standards
Applications	<ul style="list-style-type: none"> General construction Low to high strength structural work Concrete and precast structures

RECOMMENDED MIX PROPORTION			
Portland Cement <i>IS SUITABLE FOR:</i>	NUMBERS DENOTE VOLUME PROPORTIONS		
	CEMENT	SAND	STONE
HIGH STRENGTH CONCRETE: 25-30MPa Suspended Slabs, Reinforced Concrete, Heavy Duty Industrial Floors	2 Bags (= 1 wheelbarrow) 	2 	2
MEDIUM STRENGTH CONCRETE: 20-25MPa Driveways, Light Industrial Floors - Unreinforced		3 	3
LOW STRENGTH CONCRETE: 10-15MPa Foundations, Footings & Domestic Floors - Reinforced		4 	4
LOW STRENGTH CONCRETE: 10MPa Domestic Poles & Post Foundations		5 	5
MORTAR FOR BRICKLAYING & PLASTERING: 5MPa		6 	-
Brick & Block Making Mix		8 	-

NB: 2X50kg Bags of Cement = 1 Builder's Wheelbarrow