

# Khayah Products Catalogue



**KHAYAH**









# Masonry Cement

Strength class	22,5X
Category	Ideal for general masonry construction works (plastering, brick laying, screeds)



Designed for use as mortar for bricklaying, plastering work and for road stabilization, structures that have limited load bearing requirements. It has superior workability attributes.

Main characteristics	<ul style="list-style-type: none"> <li>• Good workability</li> <li>• Easy to mix</li> <li>• Good adhesion to walls</li> <li>• Easy to spread</li> <li>• Adequate setting time for masonry applications</li> <li>• Complies with ZWS EN 413:2001 standard</li> </ul>
Applications	<ul style="list-style-type: none"> <li>• Floor surface screeds</li> <li>• Internal and external plastering</li> <li>• Mortar for bricklaying</li> <li>• General construction</li> </ul>

RECOMMENDED MIX PROPORTIONS			
<b>Masonry Cement</b> <i>IS SUITABLE FOR:</i>	NUMBERS DENOTE VOLUME PROPORTIONS		
	CEMENT	SAND	STONE
<b>MORTAR FOR BRICKLAYING &amp; PLASTERING:</b> 5MPa	2 Bags (= 1 wheelbarrow) 	4 	-
<b>Brick &amp; Block Making Mix</b>		4 	-
<b>LOW STRENGTH CONCRETE:</b> 10-15MPa Foundations, Footings & Domestic Floors		2 	
<b>LOW STRENGTH CONCRETE:</b> 10MPa Domestic Poles & Post Foundations		3 	

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

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

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

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

# Aggregates



3/4 stones



6mm stones



Crusher run



Washed sand

Khayah offers a wide range of durable, versatile aggregates from our quarry. Sourced from Sternblick quarry all our products are thoroughly tested at our dedicated in-house laboratory to ensure only the highest quality products are supplied.

## Crusher run

Well graded crushed rock in the size range 0-125mm

What is it for?

Generally used as bulk fill to stabilise structures and pavements. May also be used for footpaths or as a temporary running surface.

## 6mm stones

Graded course sand and gravel

What is it for?

Ideal for use in concrete, precast products

## 20mm stones (3/4 inch)

Graded coarse aggregates including crushed limestone, granite and gritstone, crushed and uncrushed gravel, and secondary aggregates.

What is it for?

Ideal for general construction use, civil engineering (pipe bedding and surround, filter media) and for decorative uses.

## Washed sand

The preparation of sand consists of five basic processes: natural decomposition, extraction, sorting, crushing and washing.

What is it for?

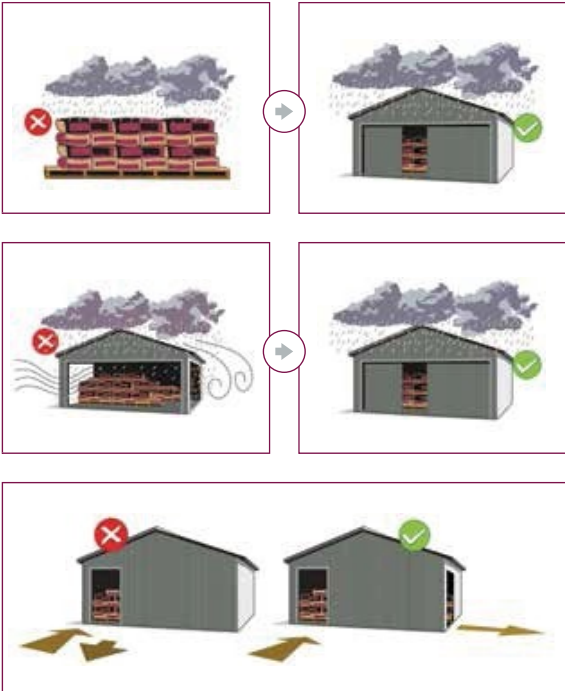
Used to provide bulk, strength and other properties to construction materials like asphalt, mortar and concrete. Used in the production of concrete and mortar.

# Safety when handling Cement

At Khayah, Safety is our No. 1 priority. When dealing with cement, the following safety measures should be adhered to at all times:

- Avoid contact with cement (skin, eyes, mouth) and wear gloves.
- Skin exposed to wet concrete should be washed as soon as possible.
- Wear protective dust masks.
- Medical attention should be sought in cases of excessive inhalation or eye contact.

## Storing bags of cement



## Khayah Cement Limited

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