

SUREWALL 22.5 X

Product Description

SUREWALL 22.5 X is a masonry cement made from high quality raw materials for hardening plaster, reducing cracking and crazing and improving the surface finish but also a cost-effective cement.

Applications

SUREWALL 22.5 X is ideal for mortar and plaster applications and improves the following properties of fresh mortar and plaster: Workability, Cohesiveness. Water retention.

Specification

SUREWALL 22.5 X complies with the 22,5 strength class of Rwandan Standards "RS 426-1:2020" for masonry cements and is identified as:

• MC 22,5 X

Where "MC" denotes Masonry Cement, "22,5" denotes the 22,5 MPa strength class, and "X" denotes that the product does not contain an air-entraining agent.

MIX PROPORTION GUIDE

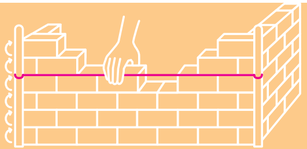
PLASTERS	CEMENT	PLASTER SAND*	
External Plaster			(4)
Internal Plaster			(5)

MORTARS	CEMENT	BUILDING SAND*	
Mortar Class I			(2)
Mortar Class II			(4)

NOTE: DO NOT USE FOR CONCRETE APPLICATIONS.

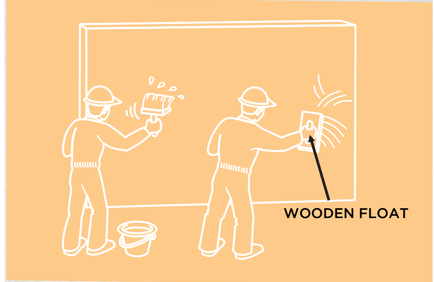
How do I lay bricks?

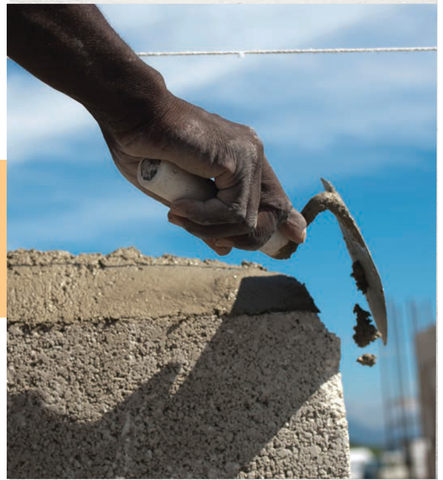
1. Bricks must be laid on a concrete slab or foundation.
2. Start by building the corners. To lay the first course of bricks, use a trowel to spread mortar onto the concrete surface. Use a fishing line stretched tight between the corners to lay the first row of bricks. The back top edge of every brick laid must be exactly in line with the fishing line.



How do I plaster?

1. Try to avoid working in the direct sun or drying winds, as plaster needs to retain its moisture as long as possible.
2. Cover the plaster area with plastic or use a fine spray of water to keep it damp for as long as possible. (i.e. up to 7 days)







SURECEM 32.5 N

Product Description

SURECEM 32.5 N is a general purpose cement with broad application range from domestic concrete to large building projects, concrete, bricks, mortar and plaster. SURECEM is your proudly Rwandan quality intended for general use.

Specification

This cement complies with the 32,5 N strength class of Rwandan Standards "RS EAS 18-1: 2017 Cement" for common cements and, depending on source factory, it is identified as:

• Portland Pozzolanic Cement CEM IV / B (P) 32,5 N

Applications

SURECEM 32,5 N cement is a tried and tested product that has been engineered to achieve consistent and appropriate performance. The formulation of the product has been optimized for a broad range of applications, whilst maintaining the appropriate levels of quality.

MIX PROPORTION GUIDE

PLASTERS	CEMENT	PLASTER SAND*	
External Plaster			(5)
Internal Plaster			(6)

MORTARS	CEMENT	BUILDING SAND*	
Mortar Class I			(4)
Mortar Class II			(6)

BRICKS	CEMENT	CONCRETE SAND*	
Bricks (7 Mpa)			(6)

CONCRETE	CEMENT	CONCRETE SAND*	STONE (20mm)
Low Strength Concrete (10 - 15 Mpa)		(3½)	(3½)
Medium Strength Concrete (20 - 25 Mpa)		(2½)	(2½)
High Strength Concrete (30 - 35 Mpa)		(2)	(2)
Screed (25 Mpa)		(1½)	(7mm STONE) (1½)





SUREBUILD 42.5 N

Product Description

SUREBUILD 42.5 N is an advanced formulation cement with applications ranging from domestic mortar and concrete to large building projects.

SUREBUILD is your proudly Rwandan premium cement, tried and tested product that has been engineered to achieve a consistent and appropriate performance in civil works and general building.

Specification

This cement complies with the 32,5 N strength class of Rwandan Standards "RS EAS 18-1: 2017 Cement" for common cements and, depending on source factory, it is identified as:

• Portland-Pozzolana Cement CEM II/A-P 42,5 N

Applications

SUREBUILD is a premium quality cement.
Typical applications are:
- Structural Concrete,
- Precast products
- Mortar & Plaster,
- Masonry products,
- Paving,
- Grouts,
- Shotcrete and other general home and DIY applications.

MIX PROPORTION GUIDE

	CEMENT	PLASTER SAND*	
External Plaster		(7)	
Internal Plaster		(8)	

	CEMENT	BUILDING SAND*	
Mortar Class I		(6)	
Mortar Class II		(8)	

	CEMENT	CONCRETE SAND*	
Bricks (7 Mpa)		(8)	

	CEMENT	CONCRETE SAND*	
Low Strength Concrete (10 - 15 Mpa)		(4)	(5)
Medium Strength Concrete (20 - 25 Mpa)		(3)	(3½)
High Strength Concrete (30 - 35 Mpa)		(2½)	(3)
Screed (25 Mpa)		(2)	(7mm STONE) (1½)



The secret of strong concrete

Making concrete is easy. There are many small concrete projects that you can confidently make using SURECEM 32,5 N or SUREBUILD 42,5 N. Foundations, flooring slabs, fish ponds and driveways are easy and by doing it yourself you can save money.

The secret of strong concrete is to use the correct cement suitable for your application needs.

SURECEM 32,5 N is a homebuilders cement, ideal for concrete.

SUREBUILD 42,5 N is a premium cement which is ideal for concrete and civil works.

How do I mix concrete?

1. Manual Mixing
For small batches: mix in a wheelbarrow.

For larger batches:
a. Measure the quantity of sand and place in a shallow heap on a flat, clean, hard surface.

b. Add PPC SURECEM 32,5 N or SUREBUILD 42,5 N on top of the sand.

c. Spread the stone on top of the cement

d. Mix the cement, stone and sand together until an even colour is achieved and the stones are evenly spread.

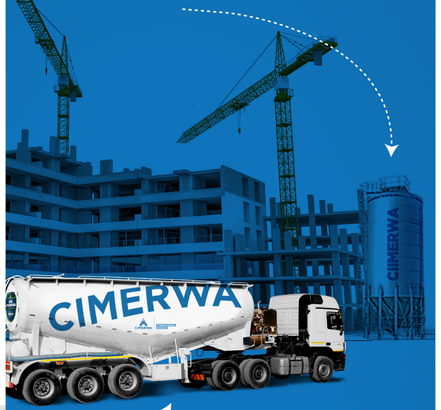
e. Create a hollow in the centre and slowly add clean water and mix well until the concrete is flowable but not too wet.

The concrete is now ready for placing.

OTHER SOLUTIONS

SILO

A game changer for large scale construction projects, we offer and install silos on demand at your project site and/orproduction yard. We offer silos with a capacity ranging from 60 tons to 100 tons.



BULK CEMENT

A first of its kind in Rwanda. The CIMERWA bulk cement solution has been developed to cater to key customers in the construction industry because we understand that the cost of cement and delivery constitute significant input costs to our customers' businesses.

HEALTH AND SAFETY WARNING



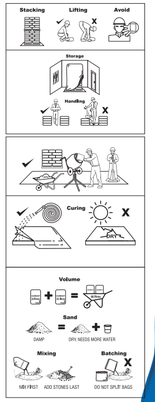
SAFE DISPOSAL AT AUTHORISED GENERAL WASTE LANDFILL

Cement storage and handling

Cement has a limited storage life when packed in bags. Bags are permeable to water vapor and will absorb moisture if exposed to rain and water. Portland cement is designed to react chemically with water and any exposure to moisture will cause it to set and harden. If cement starts to harden in the bags it should be discarded.

Safety

- Do not stack loose bags mor than 12 high.
- Do not stack palletised cement more than two pallets high.
- Pick up bags correctly in order to avoid back injury
- Avoid contact with eyes, skin and clothing as cement and cement paste are highly alkaline and can cause severe chemical burns as well as skin irritation and dermatitis.





FOR MORE INFORMATION PLEASE CONTACT

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Within Rwanda, Please dial our Toll Free number: 3222

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SURE RANGE



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